

September 5, 2017

Monroe School District
 Attn: Devlin Piplic, Director of Facilities
 200 East Fremont
 Monroe, Washington 98272

RE: Quarterly Air and Wipe Sampling – July 2017
Sky Valley Educational Center, 351 Short Columbia Street, Monroe, Washington

Dear Devlin:

On July 24 and 25, 2017, Fulcrum Environmental Consulting, Inc. (Fulcrum) completed a sampling event at Sky Valley Educational Center for the presence of polychlorinated biphenyls (PCBs) in air and on non-porous surface. The purpose of the sampling event was to evaluate all areas of the building from which PCB-containing caulk was removed in 2016 as specified in Monroe School District's Corrective Action Plan, dated May 25, 2016. See Attachment A for site photographs of air sample location and Attachment B for site photographs of wipe sample locations.

Background

In summer 2016, PCB-containing caulk and light fixtures were remediated at Sky Valley Educational Center in the Administration, Annex, Gymnasium, Classroom Pod/Library, and the Technology buildings. Following remediation samples were collected and analyzed to evaluate site conditions. In December 2016 the 1st quarter PCB sampling event was completed, which included collection of 50 air samples and 10 wipe samples. Seven samples and one field blank were identified with PCBs, including samples collected from Room F in the Annex Building; the Gathering Place – East, Small Gym, Girls Locker room, Girls Locker room Storage, and Electrical room of the Small Gym, and the CTE room of the Gym Building. All of the samples with detectable PCBs occurred sequential and at the end of the sampling process. As a results, the consultant concluded, following a review of the results and sampling media handling practices, that the sampling media was contaminated during the handling process and recommended that retesting be completed.

In March 2017, Fulcrum completed air and wipe sampling of select areas in SVEC, including each area where a sample with detectable PCBs were indented during the December 2016 event and four electrical rooms that had not been previously evaluated. No PCBs were found in any of the air samples and low concentrations of PCBs were found in two samples collected from concrete floors in the Large Gym Electrical Room and the CTE Electrical Room.

In April 2017, Fulcrum completed air and wipe sampling of selected areas in SVEC in the Administration, Annex, Gymnasium and Classroom Pod/Library. No PCBs were detected at the method reporting limits during the April 2017 event.

Scope of Work

Consistent with the District's Corrective Action Plan, a sampling event was scheduled during the summer in which building would experience the highest annual temperatures. Fulcrum's scope of work consisted of the collection of air samples and wipe samples from select locations at Sky Valley Educational Center for the presence of PCBs and consisted of the following tasks:

- Collected 54 air samples for PCBs in air with each sample consisting of approximate 2,000 liters of air collected during a period of about 6.8 hours.
- Submitted collected air samples, three field blanks, and three laboratory blanks for analysis by U.S. Environmental Protection Agency (EPA) Method TO-10a to determine PCB content.
- Collected 12 wipe samples from non-porous surfaces with laboratory provided hexane wipe media.
- Collected two duplicate wipe samples from locations immediately adjacent to project samples non-porous surfaces with laboratory provided hexane wipe media.
- Submitted collected wipe samples, two duplicate samples, one field blank, one laboratory blank and one trip blank for analysis by EPA Method 8082 to determine PCB content.
- Prepared this single summary letter report with the associated laboratory results and revised sample figures.

Fulcrum's services were provided to Monroe School District in evaluation of the Sky Valley Educational Center located at 351 Short Columbia Street in Monroe, Washington. Fulcrum's assessment did not include evaluation of non-readily accessible areas such as sealed wall cavities, beneath wall or floor coverings, etc. except those specifically identified in this report. Results are specific to the time and day of inspection and may not reflect conditions at other times.

Sampling Event

Fulcrum collected air and wipe samples on July 24 and 25, 2017. Outdoor temperatures on the days of the sampling, as reported at Paine Field in Everett, Washington was 75 degrees Fahrenheit (°F) and 81°F on the two days. Fulcrum's sampling event was completed in conformance with the Quality Assurance Project Plan (QAPP) prepared for the project.¹ See Attachment C for project figures.

Sample Analytical Process

Samples collected during the project were submitted to ALS Global laboratories. All samples were submitted under chains-of-custody and delivered by commercial carrier in an insulated cooler with reusable freezer packets. All air sample cassettes were prepared and delivered to Fulcrum by ALS Global's Simi Valley (ALS-Simi Valley). All wipe sample media was prepared and delivered to Fulcrum by ALS Global's Cincinnati (ALS-Cincinnati). In preparation for the sample event, ALS-Cincinnati, the project laboratory for much of the prior work within the building, reported that as a result of an in-progress renovation of the PCB air laboratory

¹ Fulcrum, *Quality Assurance Project Plan, Polychlorinated Biphenyl Sampling in Air and Non-Porous Surfaces for Monroe School District, Sky Valley Educational Center, Revision 4.0, Issued April 4, 2017.*

that analysis would need to be completed at a separate ALS Global facility and ALS identified the Simi Valley laboratory as being capable.

Project air samples were submitted to ALS Global's air quality analytical laboratory in Simi Valley, California (ALS-Simi Valley) for analysis. However, following ALS-Simi Valley analysis and reporting, Fulcrum determined during review of quality assurance and quality control (QA/QC) evaluation that the analytical detection limits were not low enough to meet project objectives and EPA standards. Fulcrum notified ALS-Simi Valley of the deficiency and following an internal review, ALS-Simi Valley transferred remaining sample extract to ALS Salt Lake City (ALS-Salt Lake) for analysis. Laboratory performance by ALS-Salt Lake meet minimum project reporting limits. Only the final ALS-Salt Lake laboratory results are included in the attachments.

See Attachment D for ALS-Salt Lake laboratory results and all chains-of-custody for project air samples. Air samples were submitted by Fulcrum on July 27, 2017 to ALS-Simi Valley under two chain-of custody, extracts were obtained and transferred to ALS-Salt Lake on August 24, 2017. The associated ALS-Salt Lake work order is 34-1723680 and 34-1723682.

See Attachment E for ALS-Cincinnati laboratory results and the chain-of-custody for project wipe samples. Wipe Samples were submitted on July 27, 2017 to ALS-Cincinnati under two chains-of-custody. The associated ALS-Cincinnati work order is 1707841.

Air Sampling

Air sampling was completed as described in EPA Method TO-10a.² Sampling utilized a polyurethane foam (PUF) sample media in a borosilicate glass cassette. Air is pulled through the PUF filter by an air pump which is connected by clear Tygon-type tubing.

Flow calibration was measured both before and after sample collection by a TSI 4046 primary calibrator. The primary calibrator was factory calibrated in January 2017. Samples were collected at a rate of 5 liters per minute (LPM) for 420 minutes and totaled 2,100 liters (L) in volume.

Wipe Sampling

All wipe samples were collected with laboratory provided hexane saturated cotton gauze, stored in 2-ounce borosilicate glass jars. Wipe samples were preferentially collected from either staining on a transformer(s) present within the area or from the area of the underlying flooring with the most dust accumulation. See Attachment B for site photographs of wipe sample locations.

² U.S. Environmental Protection Agency, *Determination of Pesticides and Polychlorinated Biphenyls in Ambient Air Using Low Volume Polyurethane Foam (PUF) Sampling Followed by Gas Chromatographic/Multi-Detector Detection (GC/MD)*, January 1999.

Each wipe was collected from the substrate surface within a disposable paper template that measured 10 centimeters (cm) by 10 cm, for a total area of 100 square cm (cm^2). Each individual wipe was returned to the sampling jar immediately following sample collection.

All samples were collected from the surface of the epoxy sealant present on the substrate. Substrate materials included brick, concrete, metal, plaster, or laminate and was present on walls, door or window frames, or overhead beams.

Laboratory Results

ALS-Salt Lake completed analysis of air samples and ALS-Cincinnati completed analysis of wipe samples collected during this project. Air samples were submitted under two separate chains-of-custody and were processed as two separate batches as 34-1723680 and 34-1723682. The laboratory reports for the air samples are included in Attachment D. Wipe samples were submitted under one chain-of-custody and were identified by ALS-Cincinnati as batch 1707841. See Attachment E for the laboratory report for project wipe samples.

Table 1: Air Sample Results

Sample	Location	Sample Volume (L)	Result
72417-POD-RM01	POD and Library	2,100	< 47.6 ng/m ³
72417-POD-RM02	POD and Library	2,100	< 47.6 ng/m ³
72417-POD-RM03	POD and Library	2,100	< 47.6 ng/m ³
72417-POD-RM04	POD and Library	2,100	< 47.6 ng/m ³
72417-POD-RM05	POD and Library	2,100	< 47.6 ng/m ³
72417-POD-RM06	POD and Library	2,100	< 47.6 ng/m ³
72417-POD-RM07	POD and Library	2,100	< 47.6 ng/m ³
72417-POD-RM08	POD and Library	2,100	< 47.6 ng/m ³
72417-POD-RM09	POD and Library	2,100	< 47.6 ng/m ³
72417-POD-RM10	POD and Library	2,100	< 47.6 ng/m ³
72417-POD-RM11	POD and Library	2,100	< 47.6 ng/m ³
72417-POD-RM12	POD and Library	2,100	< 47.6 ng/m ³
72417-POD-RM13	POD and Library	2,100	< 47.6 ng/m ³
72417-POD-RM14	POD and Library	2,100	< 47.6 ng/m ³
72417-POD-RM15	POD and Library	2,100	< 47.6 ng/m ³
72417-POD-RM16	POD and Library	2,100	< 47.6 ng/m ³
72417-POD-RM17	POD and Library	2,100	< 47.6 ng/m ³
72417-POD-RM18	POD and Library	2,100	< 47.6 ng/m ³
72417-POD-RM19	POD and Library	2,100	< 47.6 ng/m ³
72417-POD-RM20	POD and Library	2,100	< 47.6 ng/m ³
72417-POD-RM21	POD and Library	2,100	< 47.6 ng/m ³
72417-POD-RM22	POD and Library	2,100	< 47.6 ng/m ³
72417-POD-RM23	POD and Library	2,100	< 47.6 ng/m ³
72417-POD-RM24	POD and Library	2,100	< 47.6 ng/m ³

Table 1: Air Sample Results (continued)

Sample	Location	Sample Volume (L)	Result ¹
72417-POD-Ncenter	POD and Library	2,100	< 47.6 ng/m ³
72417-POD-Ecenter	POD and Library	2,100	< 47.6 ng/m ³
72417-POD-Scenter	POD and Library	2,100	< 47.6 ng/m ³
72417-POD-Library	POD and Library	2,100	< 47.6 ng/m ³
72417-ADM-Nurse	Admin Building	2,100	< 47.6 ng/m ³
72417-FB	Field Blank	-	< 47.6 ng/m ³
72417-LB	Lab Blank	-	< 47.6 ng/m ³
72517-ADM-SEoffice	Admin Building	2,100	< 47.6 ng/m ³
72517-ADM-Soffice	Admin Building	2,100	< 47.6 ng/m ³
72517-ADM-SWoffice	Admin Building	2,100	< 47.6 ng/m ³
72517-ADM-Woffice	Admin Building	2,100	< 47.6 ng/m ³
72517-ADM-Conference	Admin Building	2,100	< 47.6 ng/m ³
72517-ADM-StaffRM	Admin Building	2,100	< 47.6 ng/m ³
72517-GYM-Gathering Place	Gym Building	2,100	< 47.6 ng/m ³
72517-GYM-CTE	Gym Building	2,100	< 47.6 ng/m ³
72517-GYM-Girls Locker	Gym Building	2,100	< 47.6 ng/m ³
72517-GYM-GirlsLocker Storage	Gym Building	2,100	< 47.6 ng/m ³
72517-GYM-Small Gym	Gym Building	2,100	< 47.6 ng/m ³
72517-GYM-Electrical	Gym Building	2,100	< 47.6 ng/m ³
72517-ANX-RM B	Annex Building	2,100	< 47.6 ng/m ³
72517-ANX-RM A	Annex Building	2,100	< 47.6 ng/m ³
72517-ANX- East Hallway	Annex Building	2,100	< 47.6 ng/m ³
72517-ANX- Boys Bathroom	Annex Building	2,100	< 47.6 ng/m ³
72517-ANX-RM C	Annex Building	2,100	< 47.6 ng/m ³
72517-ANX-RM D	Annex Building	2,100	< 47.6 ng/m ³
72517-ANX-RME East	Annex Building	2,100	< 47.6 ng/m ³
72517-ANX-RME West	Annex Building	2,100	< 47.6 ng/m ³
72517-ANX-RM F	Annex Building	2,100	< 47.6 ng/m ³
72517-ANX-Hallway North	Annex Building	2,100	< 47.6 ng/m ³
72417-LB	Lab Blank	-	< 47.6 ng/m ³
72417-FB	Field Blank	-	< 47.6 ng/m ³
72517-LB	Lab Blank	-	< 47.6 ng/m ³
72517-FB	Field Blank	-	< 47.6 ng/m ³

¹ Aroclor 1221 reports a method reporting limit of 95.2

Laboratory analysis did not identify any airborne PCBs within the samples collected and analyzed during this event. All method reporting limits were significantly below the EPA regulatory threshold for PCBs in air of 100 nanograms per cubic meter (ng/m³) of air.

Table 2: Wipe Sample Results

Sample	Location	Component & Substrate below Epoxy	Result
72417-POD-RM03	POD and Library	Metal window frame and brick wall	< 0.10 µg/cm ²
72417-POD-RM04	POD and Library	Metal window frame and brick wall	< 0.10 µg/cm ²
72417-POD-RM08	POD and Library	Metal window frame and brick wall	< 0.10 µg/cm ²
72417-POD-RM11	POD and Library	Metal window frame and brick wall	< 0.10 µg/cm ²
72417-POD-RM14	POD and Library	Metal window frame and brick wall	< 0.10 µg/cm ²
72417-POD-RM17	POD and Library	Metal window frame and brick wall	< 0.10 µg/cm ²
72417-POD-RM20A	POD and Library	Metal window frame and brick wall	< 0.10 µg/cm ²
72417-POD-RM20B	POD and Library	Metal window frame and brick wall	< 0.10 µg/cm ²
72517-ADM-Seoffice	Admin Building	Plaster wall and laminate countertop	< 0.10 µg/cm ²
72517-ADM-Woffice	Admin Building	Plaster wall and laminate countertop	< 0.10 µg/cm ²
72517-GYM-Girls Locker Storage	Gym Building	Metal window frame and brick wall	< 0.10 µg/cm ²
72517-GYM-Small Gym A	Gym Building	Metal door frame and brick wall	< 0.10 µg/cm ²
72517-GYM-Small Gym B	Gym Building	Metal door frame and brick wall	< 0.10 µg/cm ²
72517-ANX-RM F	Annex Building	Metal window frame and brick wall	< 0.10 µg/cm ²
72517-LB	Field Blank	-	< 0.10 µg/cm ²
72517-FB	Lab Blank	-	< 0.10 µg/cm ²
72517-Trip Blank	Trip Blank	-	< 0.10 µg/cm ²

No PCB concentrations were identified at any of the wipe sampling locations. All method reporting limits were significantly below the EPA regulatory threshold for PCBs on building surfaces.

Analytical Discrepancies

ALS-Semi Valley reported the following discrepancies occurred during laboratory analysis:

- 34-1723680 and 34-1723682: No discrepancies or errors were reported for the sample batch. All method reporting limits were sufficient to meet project data quality objectives. Project field blanks and laboratory blanks all reported non-detected concentrations of PCBs at the method reporting limit. ALS-Salt Lake project method blank (MB), laboratory control spike (LCS), and LCS duplicate (LCSD) all met analytical performance objectives.

ALS-Cincinnati reported the following discrepancies occurred during laboratory analysis:

- 1707841: No discrepancies or errors were reported for the sample batch. All method reporting limits were sufficient to meet project data quality objectives. The field blank and laboratory blank both reported non-detected concentrations of PCBs at the method reporting limit.

All final sample results and laboratory quality control documentation was reviewed. All final analytical met the project quality control criteria and produced reliable results that would have identified PCBs at the applicable action level.

Conclusions & Recommendations

No PCBs were reported at the method reporting limits in any of the air or wipe samples collected and submitted for analysis. Based on the results of the wipe testing, the selected epoxy paint is effectively encapsulating the remnant PCB contamination that is within the porous substrate materials. No airborne or settled PCB hazards were found to be present in the building.

If you have any questions, please contact me at 509.574.0839.

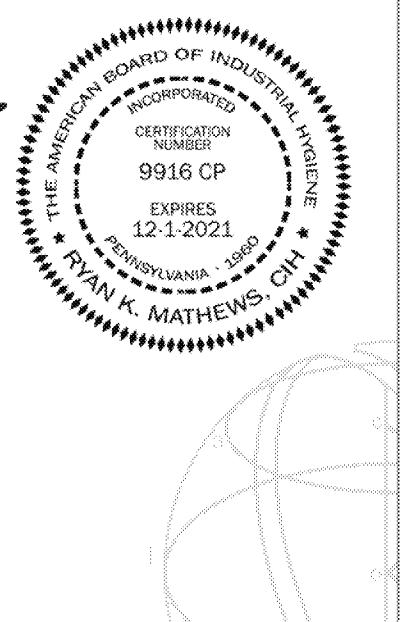
Sincerely,



Nathan Bostrom
Senior Environmental Technician



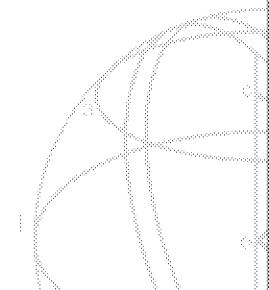
Ryan K. Mathews, CIH, CHMM
Principal



Attachments

Attachment A

**Site Photographs
Air Samples**





72417-POD-RM1: POD room 1.



72417-POD-RM2: POD room 2.



72417-POD-RM3: POD room 3.



72417-POD-RM4: POD room 4.



72417-POD-RM5: POD room 5.



72417-POD-RM6: POD room 6.



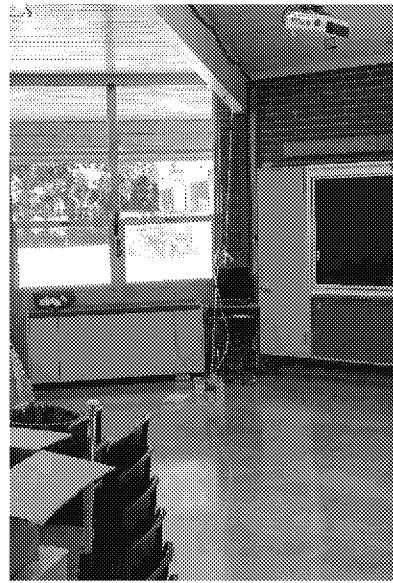
72417-POD-RM7: POD room 7.



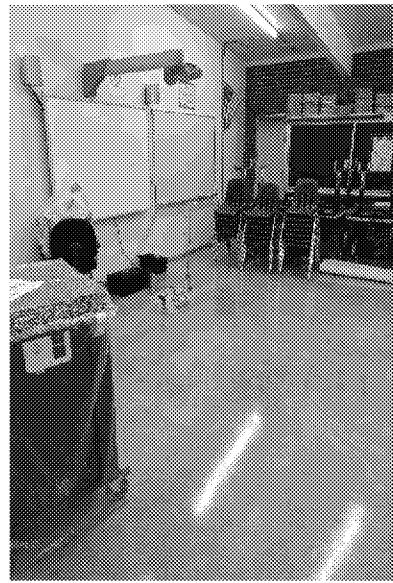
72417-POD-RM8: POD room 8.



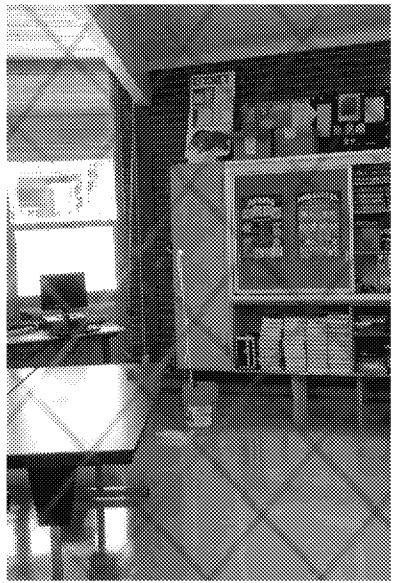
72417-POD-RM9: POD room 9.



72417-POD-RM10: POD room 10.



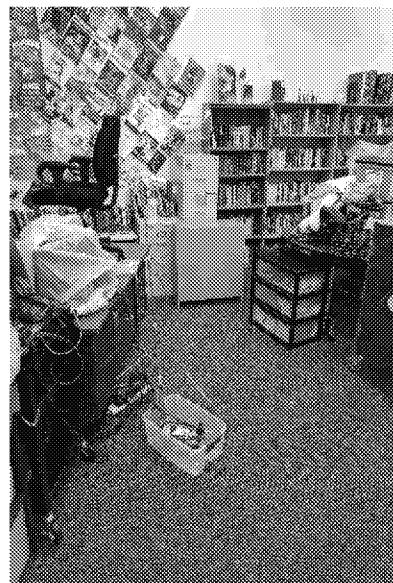
72417-POD-RM11: POD room 11.



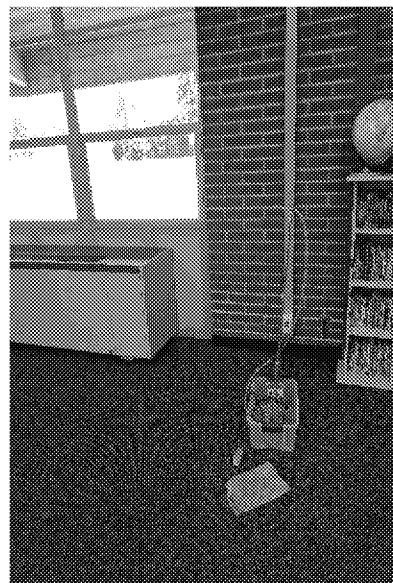
72417-POD-RM12: POD room 12.



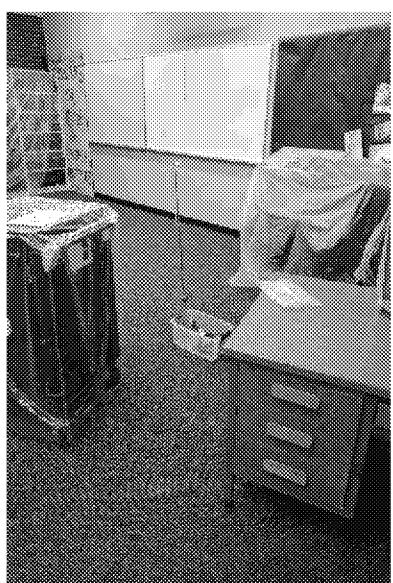
72417-POD-RM13: POD room 13.



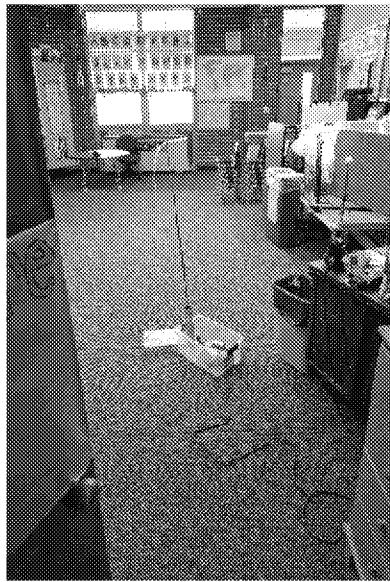
72417-POD-RM14: POD room 14.



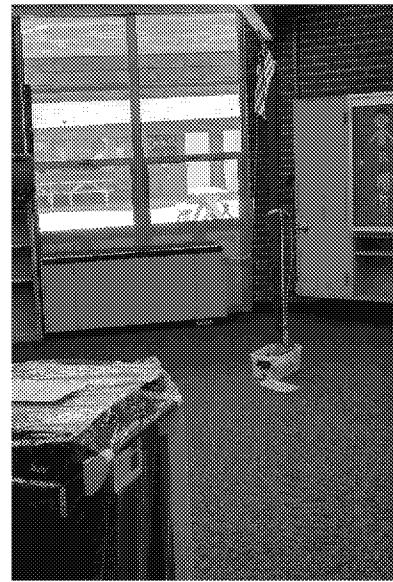
72417-POD-RM15: POD room 15.



72417-POD-RM16: POD room 16.



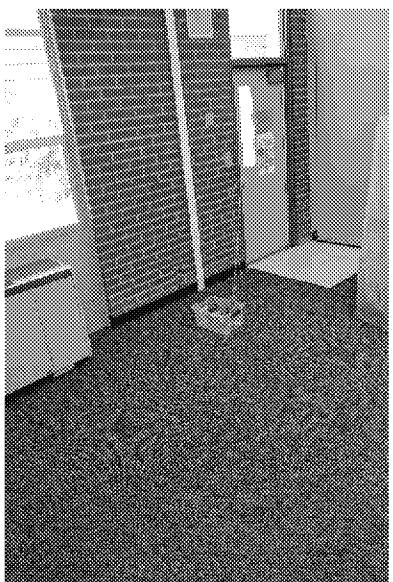
72417-POD-RM17: POD room 17.



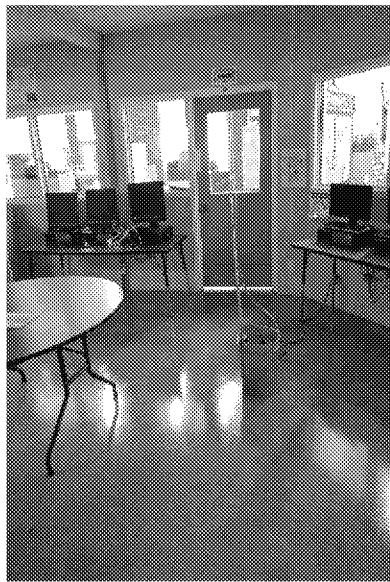
72417-POD-RM18: POD room 18.



72417-POD-RM19: POD room 19.



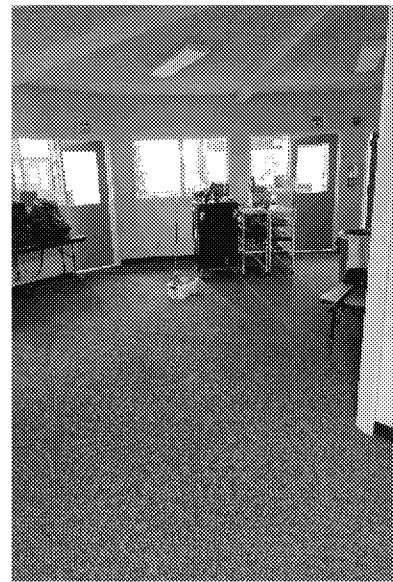
72417-POD-RM20: POD room 20.



72417-POD-Ecenter: POD east center.



72417-POD-Scenter: south center.



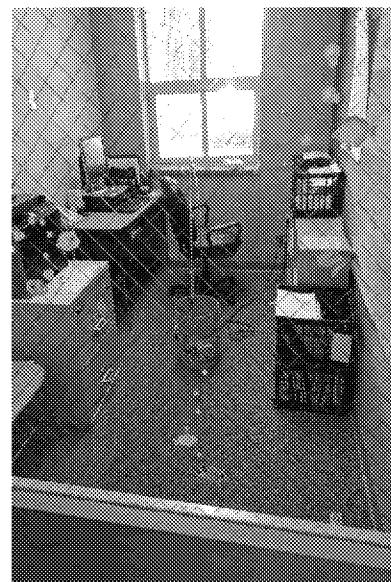
72417-POD-Ncenter: north center.



72417-POD-Library: POD library.



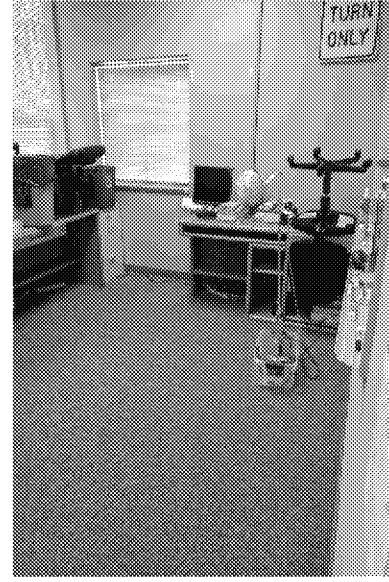
72417-ADM-Nurse: Admin office nurse's office.



72517-ADM-SEoffice: Admin south east office.



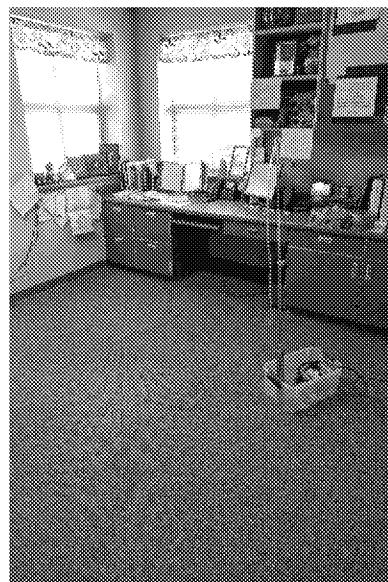
72517-ADM-Soffice: Admin south office.



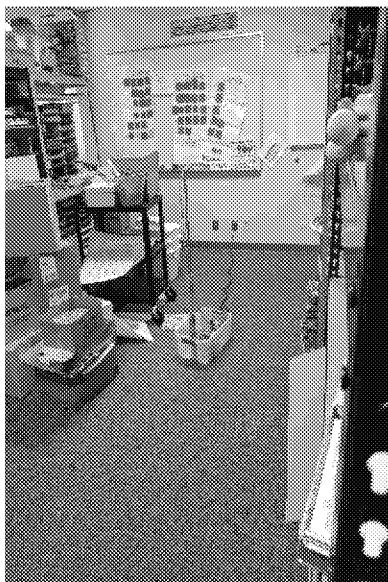
72517-ADM-SWoffice: Admin south west office.



72517-ADM-Woffice: Admin west office.



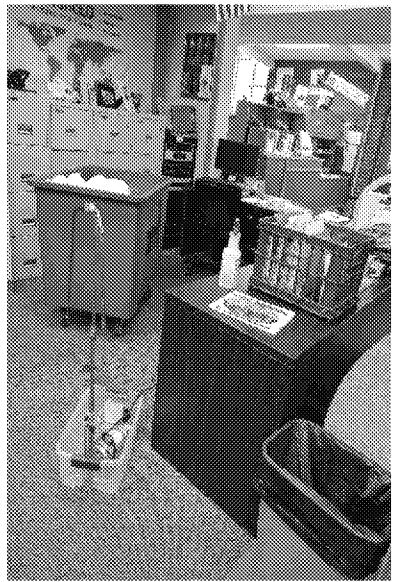
72517-ADM-NWoffice: Admin northwest office.



72517-ADM-Conference: Admin conference.



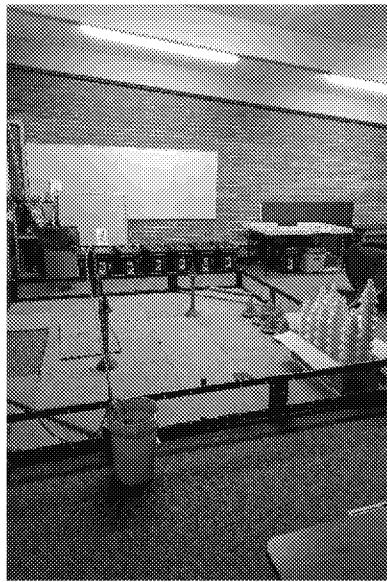
72517-ADM-Staff Room: Admin staff room.



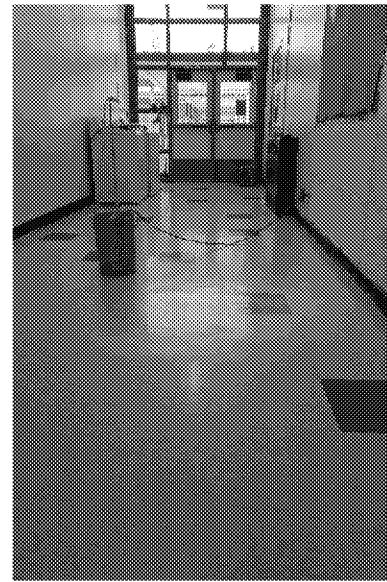
72517-ADM-Office Center:
Admin office center.



72517-ANX-RMA: Annex room A.



72517-ANX-RMB: Annex room B.



72517-ANX-Ehallway: Annex
east hallway.



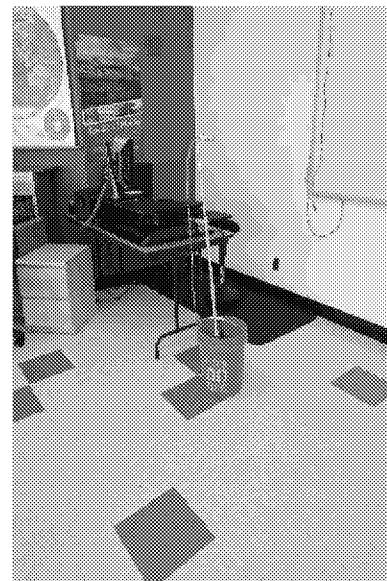
72517-ANX-RM B Office Supplies:
Annex room B office supplies.



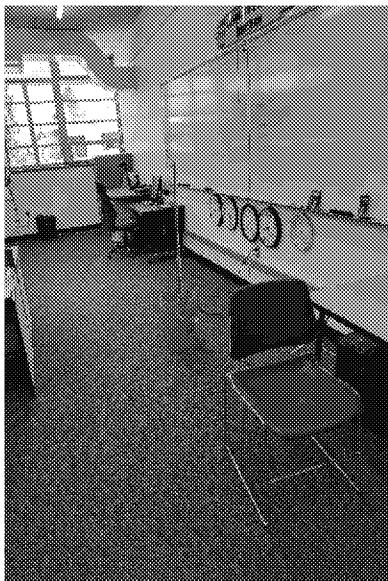
72517-ANX-Boys bathroom:
Annex boys bathroom.



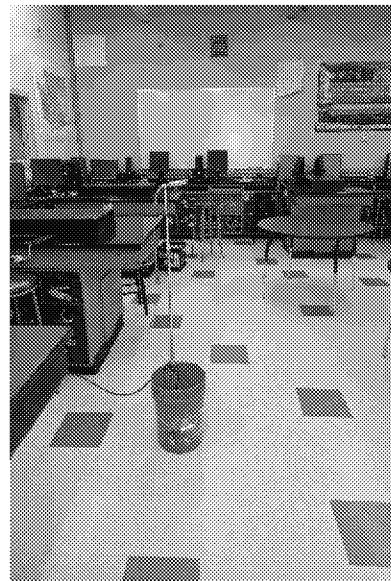
72517-ANX-RMC: annex room C.



72517-ANX-RMD: Annex room D.



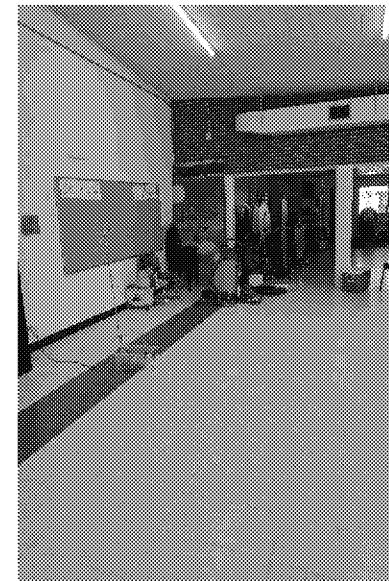
72517-ANX-RME east: Annex room E east.



72517-ANX-RMF: Annex room F.



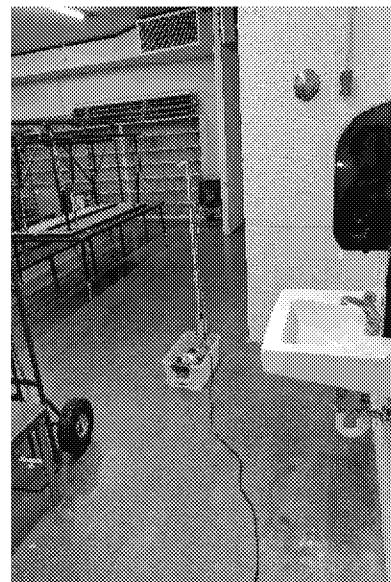
72517-ANX-Nhallway: Annex north hallway.



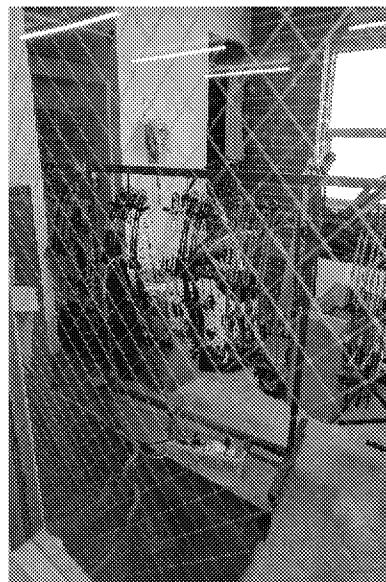
72517-GYM-Gathering: Gymnasium Building gathering room.



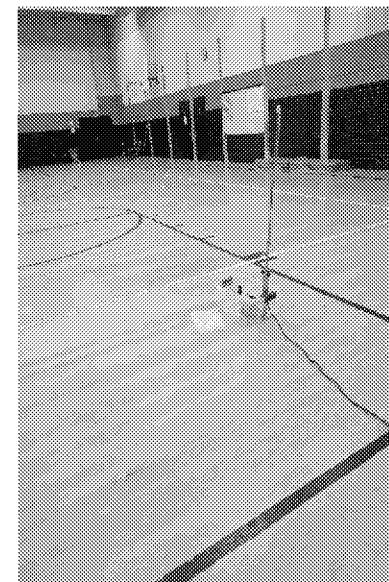
72517-GYM-CTE: Gymnasium Building CTE classroom.



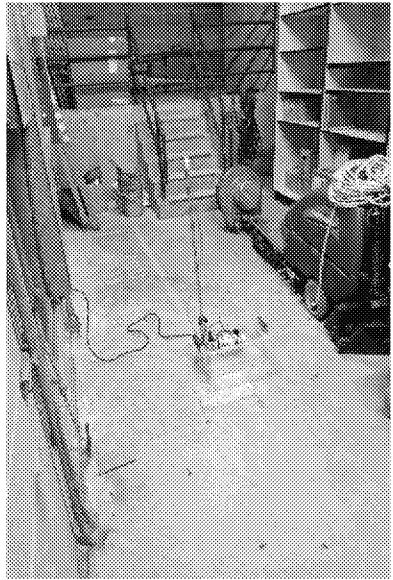
72517-GYM-Girls Lockers: Gymnasium Building girl's lockers.



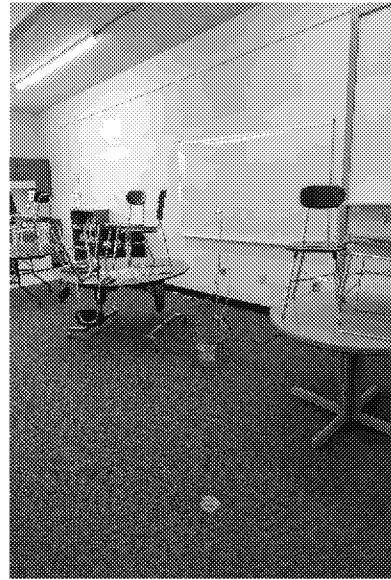
72517-GYM-Girls Lockers Storage: Gymnasium Building girl's lockers storage.



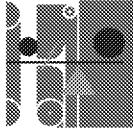
72517-GYM-SmallGym: Gymnasium Building small gymnasium.



72517-GYM-Electric Room:
small gymnasium electric room.

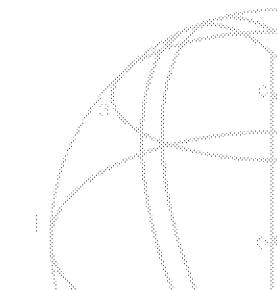


42517-ANX-RME west: Annex
room E west.



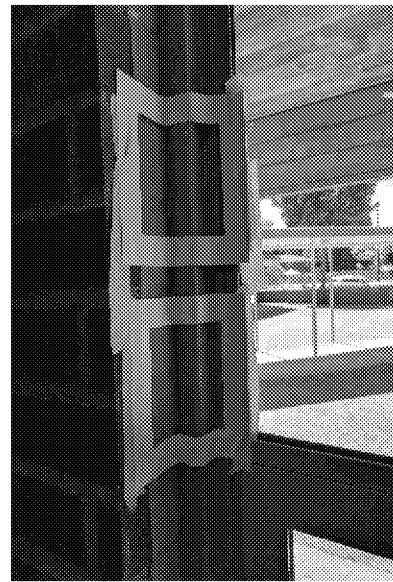
Attachment B

Site Photographs
Wipe Samples





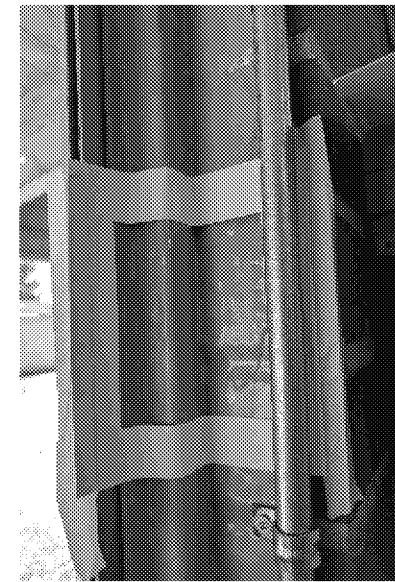
72417-POD-RM20A: POD room 20 on window frame.



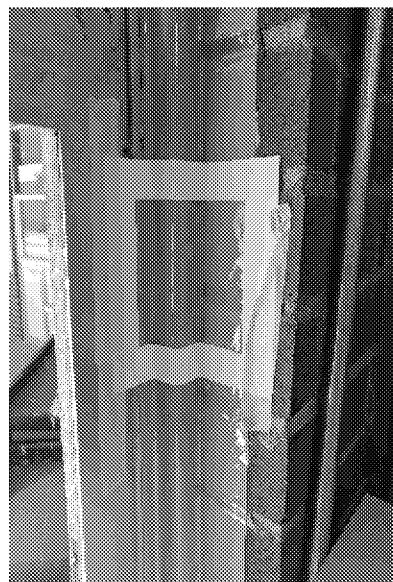
72417-POD-RM20B: POD room 20 on window frame.



72417-POD-RM17: POD room 17 on window frame.



72417-POD-RM11 – POD room 11 on window frame.



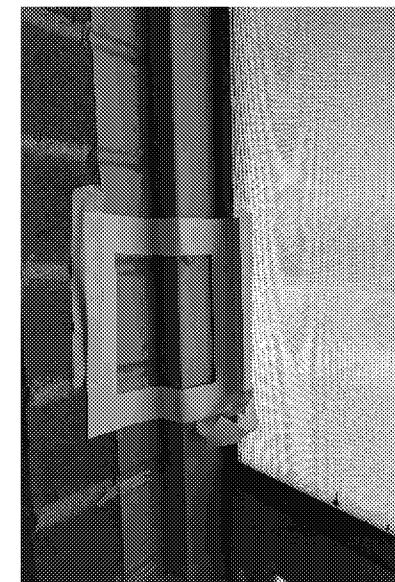
72417-POD-RM08: POD room 8 on window frame.



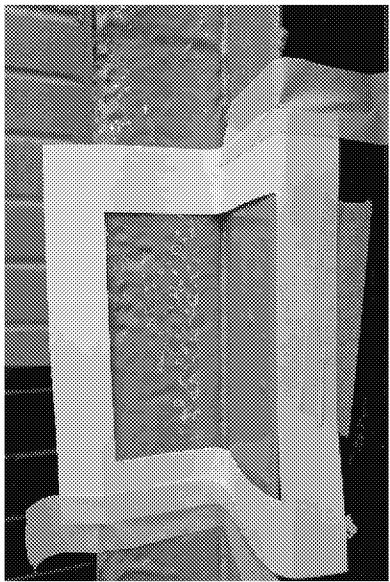
72417-POD-RM03: POD room 3 on window frame.



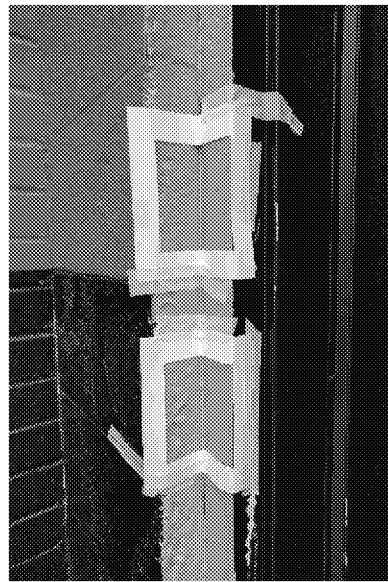
72417-POD-RM04: POD room 4 on window frame.



72417-GYM-Girls Locker Storage: girl's locker storage on window frame.



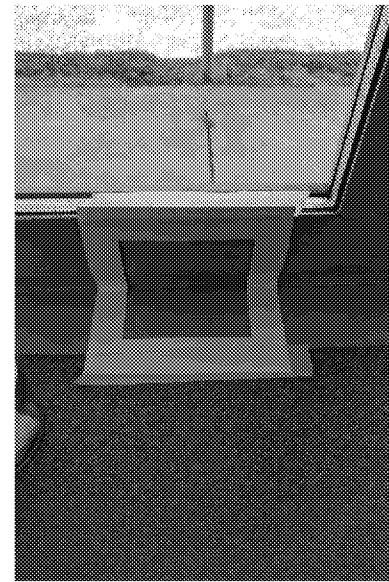
72417-GYM-Small Gym A:
northwest door frame in small
gymnasium.



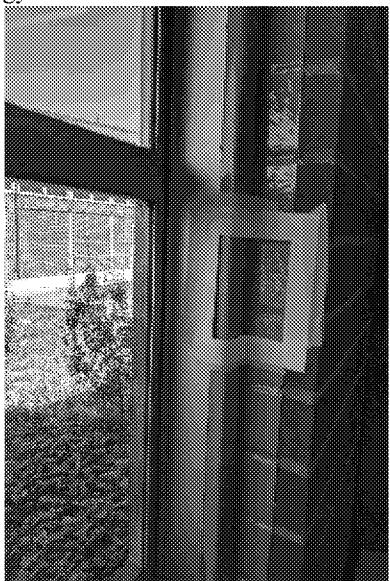
72417-GYM-Small Gym B-
northwest door frame in small
gymnasium.



72417-ADM-SEoffice – Admin
southeast office window frame.



72417-ADM-Woffice: Admin
west office window frame.



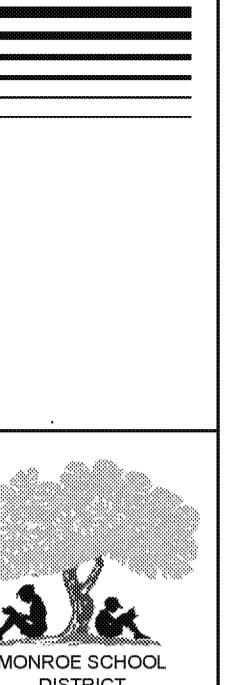
72417-ANX-RMF: Annex room
F on window frame.



72417-POD-RM14: POD –
room 14 on window frame.

Attachment C

Sample Figures



GYM BUILDING CAULKING ABATEMENT PLAN

SKY VALLEY EDUCATIONAL CENTER

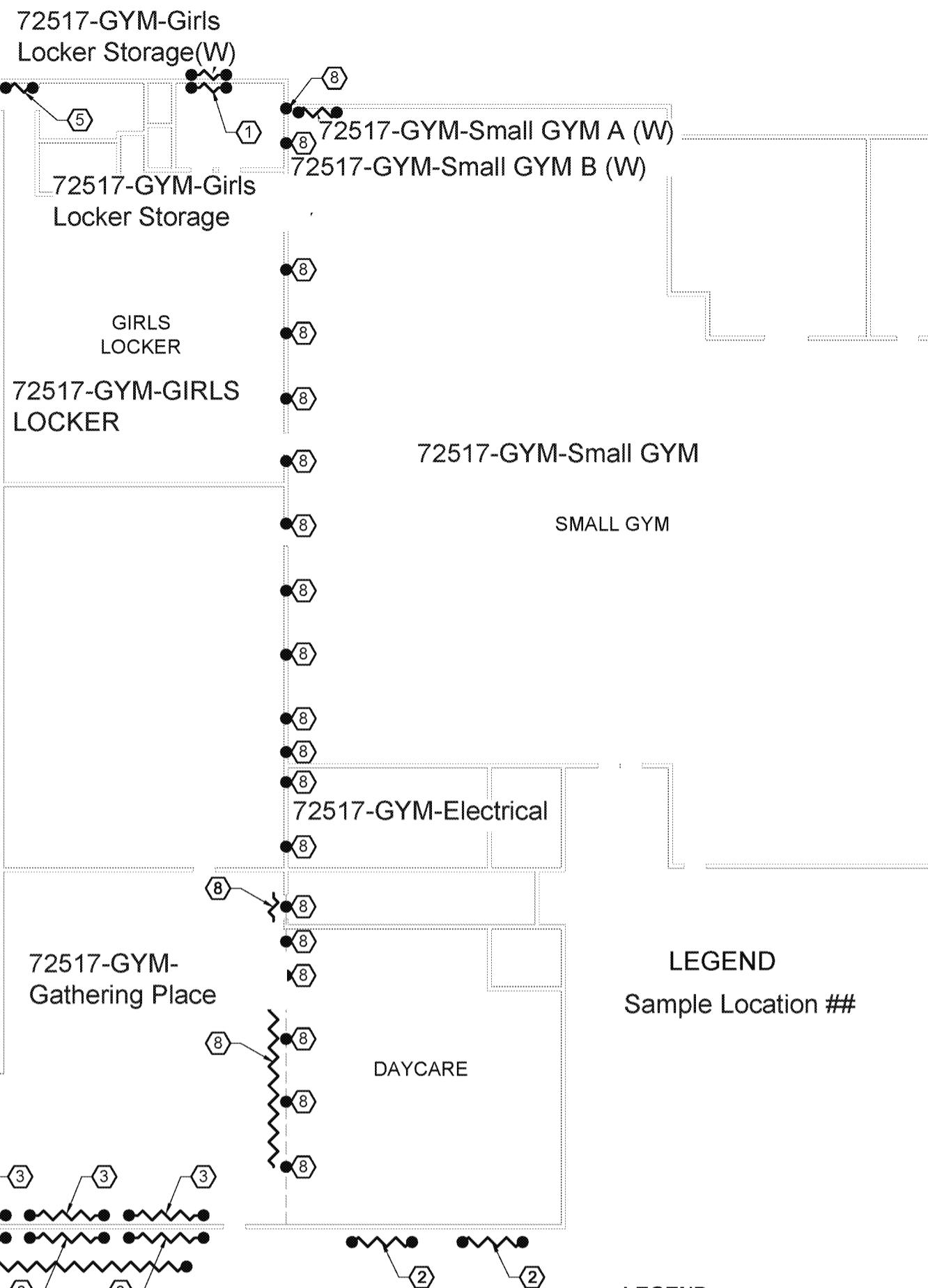
SKY VALLEY EDUCATIONAL CENTER
351 SHORT COLUMBIA STREET
MONROE, WASHINGTON

GENERAL NOTES

- ALL ABATEMENT RELATED ACTIVITIES AT THIS PROJECT SITE SHALL COMPLY WITH DIVISION 01 AND 02 AND SPECIFICALLY SECTION 028400 PCB ACTIVITIES. CONTRACTOR TO VERIFY ALL ITEMS SHOWN, LOCATIONS AND QUANTITIES OF MATERIALS TO BE REMOVED, AND DIMENSIONS PRIOR TO REMOVAL. ANY DEVIATIONS FROM THE SPECIFICATION THAT ARE DISCOVERED BY THE CONTRACTOR SHALL BE REPORTED TO THE OWNERS REPRESENTATIVE PRIOR TO REMOVAL. THE DRAWINGS ARE FOR DIAGRAMMATIC PURPOSES ONLY. GENERAL LOCATIONS OF PCB-CONTAINING MATERIALS ARE DEPICTED DIAGRAMMATICALLY ON THE DRAWINGS. THE REMAINING MATERIAL LOCATIONS ARE DESCRIBED TEXTUALLY ON THESE DRAWINGS. QUANTITIES OF HAZARDOUS MATERIALS LISTED ON THIS SHEET ARE CONSIDERED ACCURATE TO WITHIN +/- 10%. THE CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS, EQUIPMENT AND PERMITS FOR THE REMOVAL AND DISPOSAL OF THE QUANTITIES OF HAZARDOUS MATERIALS PROVIDED PLUS AN ADDITIONAL 10%. THE CONTRACTOR WILL BE COMPENSATED FOR QUANTITIES WHICH ARE GREATER THAN 110% OF THE TOTAL AND THE OWNER WILL DEDUCT FROM THE CONTRACT SUM QUANTITIES THAT ARE 90% OR LESS OF THE TOTAL.
- REMOVAL OF HAZARDOUS MATERIALS MAY COMPROMISE THE SECURITY OF THE SITE. THE CONTRACTOR IS FULLY RESPONSIBLE FOR MAINTAINING SITE SECURITY AND PUBLIC SAFETY THROUGHOUT THE PROJECT. SEE SPECIFICATIONS REGARDING SECURITY AND PUBLIC SAFETY.
- ABATEMENT CONTRACTOR TO COORDINATE ALL ACTIVITIES WITH ALL OTHER ONSITE WORK INCLUDING, BUT NOT LIMITED TO: SCHEDULE, ACCESS, STAGING, ETC. ABATEMENT CONTRACTOR TO REPORT LOCATIONS AND QUANTITIES OF ALL HAZARDOUS MATERIALS TO BE REMOVED, TO THE OWNERS REPRESENTATIVE PRIOR TO ABATEMENT/DEMOLITION.
- THE CONTRACTOR SHALL REMOVE ALL ACCESSIBLE CAULKING IN ALL AREAS WITHOUT PERFORMING DEMOLITION OF BUILDING COMPONENTS.

KEY NOTES

- (1) REMOVE APPROX. 20 LF OF PCB-CONTAINING CAULKING LOCATED ON THE EXTERIOR AND INTERIOR METAL WINDOW FRAME ON THE GIRLS LOCKER ROOM NORTH PERIMETER WINDOW AS SHOWN.
- (2) REMOVE APPROX. 300 LF OF PCB-CONTAINING CAULKING ON THE EXTERIOR METAL WINDOW FRAMES ON ALL WINDOWS AT THE SOUTH AND WEST ELEVATIONS OF THE LARGE GYM BUILDING AS SHOWN. THIS INCLUDES CAULKING THAT EXISTS AROUND EACH WINDOW INFILL PANEL METAL FRAME TRANSITION ON THE WEST ELEVATION. THESE INFILL PANELS ARE CEMENT ASBESTOS BOARD.
- (3) REMOVE APPROX. 40 LF OF PCB-CONTAINING CAULKING LOCATED ON INTERIOR SIDE OF THE THREE LOWER WINDOWS AND THE UPPER WINDOW BANK EAST VERTICAL IN THE GATHERING PLACE AS SHOWN.
- (4) REMOVE APPROX. 10 LF OF PCB-CONTAINING OF CAULK ON INTERIOR WINDOW FRAME VERTICALS IN THE CTE ROOM AS SHOWN.
- (5) REMOVE APPROX. 18 LF OF PCB-CONTAINING OF CAULK ON THE INTERIOR SIDE OF NORTH EXTERIOR GIRLS LOCKER ENTRY DOOR AS SHOWN.
- (6) REMOVE APPROX. 18 LF OF PCB-CONTAINING OF CAULK ON EXTERIOR SIDE OF NORTH CTE ENTRY DOOR AS SHOWN.
- (7) REMOVE APPROX. 18 LF OF PCB-CONTAINING OF CAULK ON THE INTERIOR SIDE OF THE NORTHWEST PERIMETER ENTRY DOOR FRAME OF THE SMALL GYM AS SHOWN.
- (8) REMOVE APPROX. 500 LF OF PCB-CONTAINING CAULKING LOCATED ON ALL VERTICAL STRUCTURAL METAL COLUMN TRANSITIONS THROUGHOUT THE EAST ELEVATION OF THE LARGE GYM AS SHOWN. THIS INCLUDES THE REMOVAL OF ALL CAULKING ON THE INTERIOR DEMISING WALL METAL BEAMS (VERTICAL AND HORIZONTAL) BETWEEN THE DAYCARE AND THE GATHERING PLACE/CAFETERIA AS SHOWN. THE CAULKING IS HEAVILY PAINTED THROUGHOUT THE WORK SCOPE AREA.
- (9) REMOVE APPROX. 780 LF OF PCB-CONTAINING CAULKING LOCATED ON ALL EXTERIOR VERTICAL STRUCTURAL METAL COLUMN TRANSITIONS THROUGHOUT THE LOWER WEST AND SOUTH ELEVATIONS OF THE LARGE GYM BUILDING AS SHOWN.

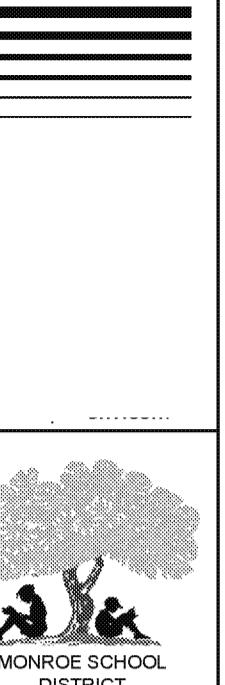


LEGEND
Sample Location ##

LEGEND
 ● VERTICAL CAULKING RUN
 ~~~~ HORIZONTAL CAULKING RUNS

Drawing does not indicate electrical room

| Sample Number                  | Location                 | Air/Wipe | Results      |
|--------------------------------|--------------------------|----------|--------------|
| 72517-GYM-Gathering Place      | Gym Gathering Place      | Air      | <47.6 ng/m³  |
| 72517-GYM-CTE                  | Gym CTE Room             | Air      | <47.6 ng/m³  |
| 72517-GYM-Girls Locker         | Gym Girls Locker Room    | Air      | <47.6 ng/m³  |
| 72517-GYM-Girls Locker Storage | Gym Girls Locker Storage | Air      | <47.6 ng/m³  |
| 72517-GYM-Small Gym            | Gym Small Gym            | Air      | <47.6 ng/m³  |
| 72517-GYM-Electrical           | Gym Electrical Room      | Air      | <47.6 ng/m³  |
| 72517-GYM-Girls Locker Storage | Gym Girls Locker Room    | Wipe     | <0.10 µg/cm² |
| 72517-GYM-Small Gym A          | Gym - Small Gym          | Wipe     | <0.10 µg/cm² |
| 72517-GYM-Small Gym B          | Gym - Small Gym          | Wipe     | <0.10 µg/cm² |



## POD/LIBRARY BUILDING CAULKING ABATEMENT PLAN

SKY VALLEY EDUCATIONAL CENTER

SKY VALLEY  
EDUCATIONAL CENTER  
351 SHORT COLUMBIA STREET  
MONROE, WASHINGTON

### GENERAL NOTES

- ALL ABATEMENT RELATED ACTIVITIES AT THIS PROJECT SITE SHALL COMPLY WITH DIVISION 01 AND 02 AND SPECIFICALLY SECTION 028400 PCB ACTIVITIES. CONTRACTOR TO VERIFY ALL ITEMS SHOWN, LOCATIONS AND QUANTITIES OF MATERIALS TO BE REMOVED, AND DIMENSIONS PRIOR TO REMOVAL. ANY DEVIATIONS FROM THE SPECIFICATION THAT ARE DISCOVERED BY THE CONTRACTOR SHALL BE REPORTED TO THE OWNERS REPRESENTATIVE PRIOR TO REMOVAL. THE DRAWINGS ARE FOR DIAGRAMMATIC PURPOSES ONLY. GENERAL LOCATIONS OF PCB-CONTAINING MATERIALS ARE DEPICTED DIAGRAMMATICALLY ON THE DRAWINGS. THE REMAINING MATERIAL LOCATIONS ARE DESCRIBED TEXTUALLY ON THESE DRAWINGS. QUANTITIES OF HAZARDOUS MATERIALS LISTED ON THIS SHEET ARE CONSIDERED ACCURATE TO WITHIN +/- 10%. THE CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS, EQUIPMENT AND PERMITS FOR THE REMOVAL AND DISPOSAL OF THE QUANTITIES OF HAZARDOUS MATERIALS PROVIDED PLUS AN ADDITIONAL 10%. THE CONTRACTOR WILL BE COMPENSATED FOR QUANTITIES WHICH ARE GREATER THAN 110% OF THE TOTAL AND THE OWNER WILL DEDUCT FROM THE CONTRACT SUM QUANTITIES THAT ARE 90% OR LESS OF THE TOTAL.

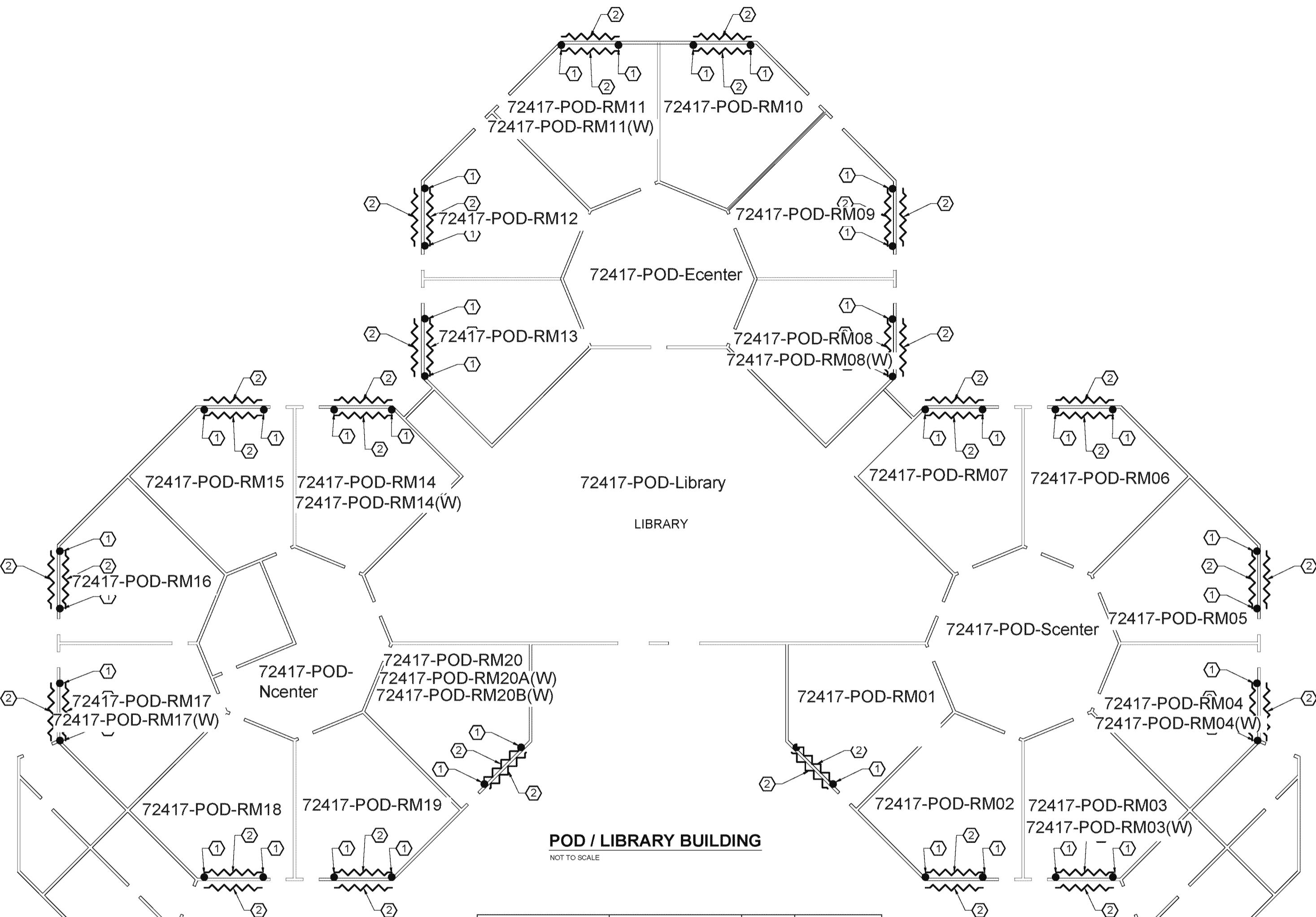
- REMOVAL OF HAZARDOUS MATERIALS MAY COMPROMISE THE SECURITY OF THE SITE. THE CONTRACTOR IS FULLY RESPONSIBLE FOR MAINTAINING SITE SECURITY AND PUBLIC SAFETY THROUGHOUT THE PROJECT. SEE SPECIFICATIONS REGARDING SECURITY AND PUBLIC SAFETY.
- ABATEMENT CONTRACTOR TO COORDINATE ALL ACTIVITIES WITH ALL OTHER ONSITE WORK INCLUDING, BUT NOT LIMITED TO: SCHEDULE, ACCESS, STAGING, ETC. ABATEMENT CONTRACTOR TO REPORT LOCATIONS AND QUANTITIES OF ALL HAZARDOUS MATERIALS TO BE REMOVED, TO THE OWNERS REPRESENTATIVE PRIOR TO ABATEMENT/DEMOLITION.
- THE CONTRACTOR SHALL REMOVE ALL ACCESSIBLE CAULKING IN ALL AREAS WITHOUT PERFORMING DEMOLITION OF BUILDING COMPONENTS.

### KEY NOTES

- ① REMOVE APPROX. 500 LF OF PCB-CONTAINING CAULKING LOCATED ON INTERIOR PERIMETER METAL WINDOW FRAME TO BRICK TRANSITION VERTICALS IN EACH OF CLASSROOMS 1-20 AS SHOWN.
- ② REMOVE APPROX. 1,400 LF OF PCB-CONTAINING CAULKING ON THE INTERIOR AND EXTERIOR SIDES OF THE CEMENT ASBESTOS BOARD (CAB) WINDOW INFILL PANELS. THE CAULKING FILLS THE GAP BETWEEN THE METAL WINDOW FRAME AND CAB TRANSITION IN EACH OF CLASSROOMS 1-20 AS SHOWN.

### LEGEND

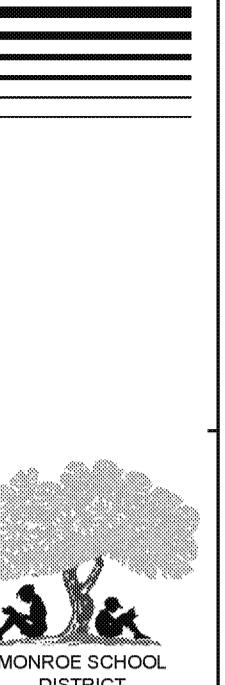
- VERTICAL CAULKING RUN
- ~~~~~ HORIZONTAL CAULKING RUN
- ## SAMPLE LOCATION



| Sample Number  | Location    | Air/Wipe | Results     |
|----------------|-------------|----------|-------------|
| 72417-POD-RM01 | POD Room 01 | Air      | <47.6 ng/m³ |
| 72417-POD-RM02 | POD Room 02 | Air      | <47.6 ng/m³ |
| 72417-POD-RM03 | POD Room 03 | Air      | <47.6 ng/m³ |
| 72417-POD-RM04 | POD Room 04 | Air      | <47.6 ng/m³ |
| 72417-POD-RM05 | POD Room 05 | Air      | <47.6 ng/m³ |
| 72417-POD-RM06 | POD Room 06 | Air      | <47.6 ng/m³ |
| 72417-POD-RM07 | POD Room 07 | Air      | <47.6 ng/m³ |
| 72417-POD-RM08 | POD Room 08 | Air      | <47.6 ng/m³ |
| 72417-POD-RM09 | POD Room 09 | Air      | <47.6 ng/m³ |
| 72417-POD-RM10 | POD Room 10 | Air      | <47.6 ng/m³ |
| 72417-POD-RM11 | POD Room 11 | Air      | <47.6 ng/m³ |

| Sample Number     | Location         | Air/Wipe | Result      |
|-------------------|------------------|----------|-------------|
| 72417-POD-RM12    | POD Room 12      | Air      | <47.6 ng/m³ |
| 72417-POD-RM13    | POD Room 13      | Air      | <47.6 ng/m³ |
| 72417-POD-RM14    | POD Room 14      | Air      | <47.6 ng/m³ |
| 72417-POD-RM15    | POD Room 15      | Air      | <47.6 ng/m³ |
| 72417-POD-RM16    | POD Room 16      | Air      | <47.6 ng/m³ |
| 72417-POD-RM17    | POD Room 17      | Air      | <47.6 ng/m³ |
| 72417-POD-RM18    | POD Room 18      | Air      | <47.6 ng/m³ |
| 72417-POD-RM19    | POD Room 19      | Air      | <47.6 ng/m³ |
| 72417-POD-RM20    | POD Room 20      | Air      | <47.6 ng/m³ |
| 72417-POD-RM21    | POD Room 21      | Air      | <47.6 ng/m³ |
| 72417-POD-RM22    | POD Room 22      | Air      | <47.6 ng/m³ |
| 72417-POD-RM23    | POD Room 23      | Air      | <47.6 ng/m³ |
| 72417-POD-RM24    | POD Room 24      | Air      | <47.6 ng/m³ |
| 72417-POD-Ncenter | POD North Center | Air      | <47.6 ng/m³ |
| 72417-POD-Ecenter | POD East Center  | Air      | <47.6 ng/m³ |
| 72417-POD-Scenter | POD South Center | Air      | <47.6 ng/m³ |
| 72417-POD-Library | POD Library      | Air      | <47.6 ng/m³ |

| Sample Number   | Location    | Air/Wipe | Result       |
|-----------------|-------------|----------|--------------|
| 72417-POD-RM03  | POD Room 03 | Wipe     | <0.10 µg/cm² |
| 72417-POD-RM04  | POD Room 04 | Wipe     | <0.10 µg/cm² |
| 72417-POD-RM08  | POD Room 08 | Wipe     | <0.10 µg/cm² |
| 72417-POD-RM11  | POD Room 11 | Wipe     | <0.10 µg/cm² |
| 72417-POD-RM14  | POD Room 14 | Wipe     | <0.10 µg/cm² |
| 72417-POD-RM17  | POD Room 17 | Wipe     | <0.10 µg/cm² |
| 72417-POD-RM20A | POD Room 20 | Wipe     | <0.10 µg/cm² |
| 72417-POD-RM20B | POD Room 20 | Wipe     | <0.10 µg/cm² |



## ADMIN BUILDING CAULKING ABATEMENT PLAN

SKY VALLEY EDUCATIONAL CENTER

SKY VALLEY  
EDUCATIONAL CENTER  
351 SHORT COLUMBIA STREET  
MONROE, WASHINGTON

### GENERAL NOTES

- ALL ABATEMENT RELATED ACTIVITIES AT THIS PROJECT SITE SHALL COMPLY WITH DIVISION 01 AND 02 AND SPECIFICALLY SECTION 028400 PCB ACTIVITIES. CONTRACTOR TO VERIFY ALL ITEMS SHOWN, LOCATIONS AND QUANTITIES OF MATERIALS TO BE REMOVED, AND DIMENSIONS PRIOR TO REMOVAL. ANY DEVIATIONS FROM THE SPECIFICATION THAT ARE DISCOVERED BY THE CONTRACTOR SHALL BE REPORTED TO THE OWNERS REPRESENTATIVE PRIOR TO REMOVAL. THE DRAWINGS ARE FOR DIAGRAMMATIC PURPOSES ONLY. GENERAL LOCATIONS OF PCB-CONTAINING MATERIALS ARE DEPICTED DIAGRAMMATICALLY ON THE DRAWINGS. THE REMAINING MATERIAL LOCATIONS ARE DESCRIBED TEXTUALLY ON THESE DRAWINGS. QUANTITIES OF HAZARDOUS MATERIALS LISTED ON THIS SHEET ARE CONSIDERED ACCURATE TO WITHIN +/- 10%. THE CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS, EQUIPMENT AND PERMITS FOR THE REMOVAL AND DISPOSAL OF THE QUANTITIES OF HAZARDOUS MATERIALS PROVIDED PLUS AN ADDITIONAL 10%. THE CONTRACTOR WILL BE COMPENSATED FOR QUANTITIES WHICH ARE GREATER THAN 110% OF THE TOTAL AND THE OWNER WILL DEDUCT FROM THE CONTRACT SUM QUANTITIES THAT ARE 90% OR LESS OF THE TOTAL.

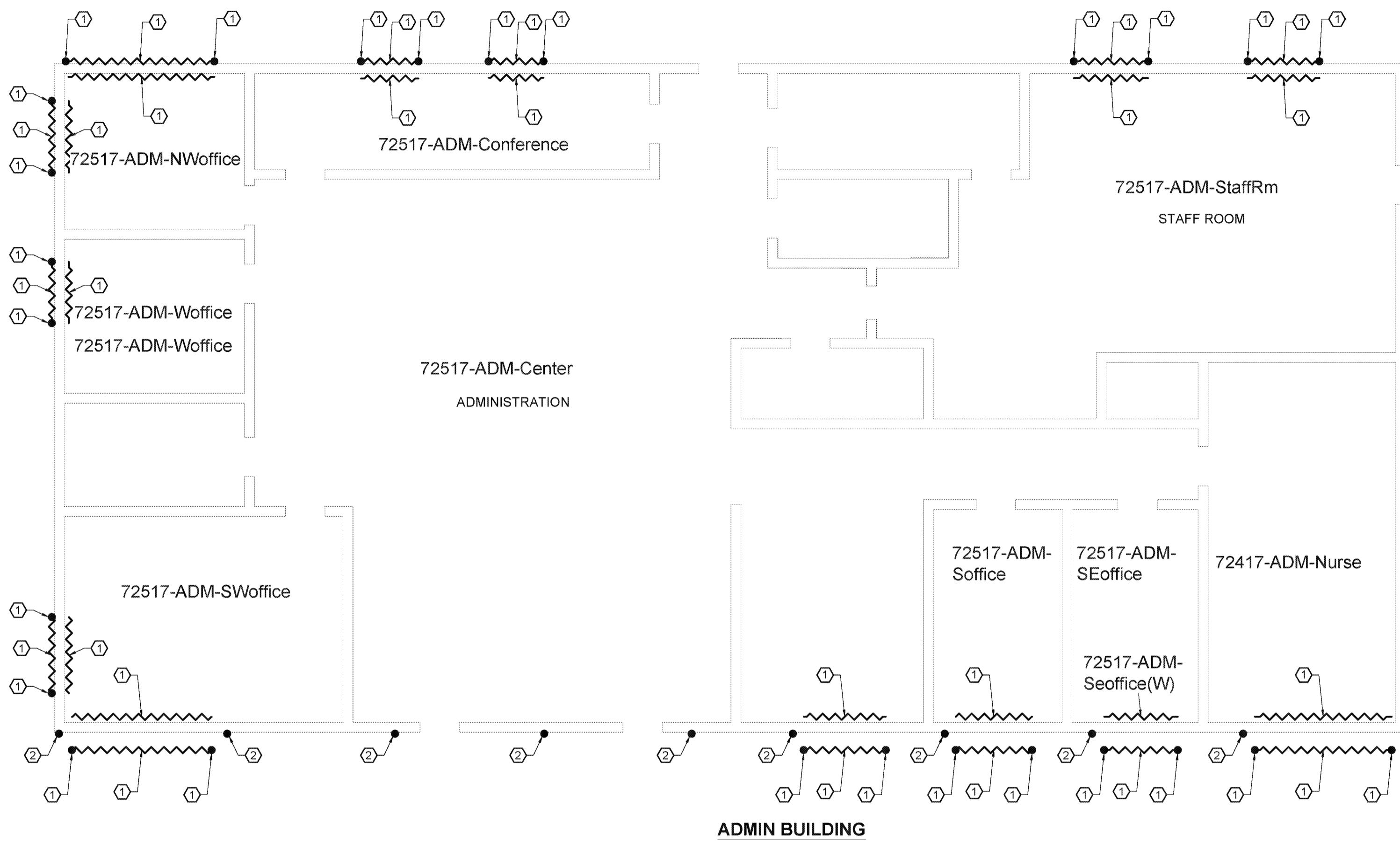
- REMOVAL OF HAZARDOUS MATERIALS MAY COMPROMISE THE SECURITY OF THE SITE. THE CONTRACTOR IS FULLY RESPONSIBLE FOR MAINTAINING SITE SECURITY AND PUBLIC SAFETY THROUGHOUT THE PROJECT. SEE SPECIFICATIONS REGARDING SECURITY AND PUBLIC SAFETY.
- ABATEMENT CONTRACTOR TO COORDINATE ALL ACTIVITIES WITH ALL OTHER ONSITE WORK INCLUDING, BUT NOT LIMITED TO: SCHEDULE, ACCESS, STAGING, ETC. ABATEMENT CONTRACTOR TO REPORT LOCATIONS AND QUANTITIES OF ALL HAZARDOUS MATERIALS TO BE REMOVED, TO THE OWNERS REPRESENTATIVE PRIOR TO ABATEMENT/DEMOLITION.
- THE CONTRACTOR SHALL REMOVE ALL ACCESSIBLE CAULKING IN ALL AREAS WITHOUT PERFORMING DEMOLITION OF BUILDING COMPONENTS.

### KEY NOTES

- ① REMOVE APPROX. 400 LF OF PCB-CONTAINING CAULKING LOCATED ON ALL INTERIOR METAL WINDOW SILL TRANSITIONS AND ALL EXTERIOR METAL WINDOW FRAME TRANSITIONS THROUGHOUT THE ADMINISTRATION BUILDING AS SHOWN.
- ② REMOVE APPROX. 175 LF OF PCB-CONTAINING CAULKING LOCATED ON ALL EXTERIOR VERTICAL STRUCTURAL METAL BEAM TRANSITIONS THROUGHOUT THE ADMINISTRATION BUILDING AS SHOWN.

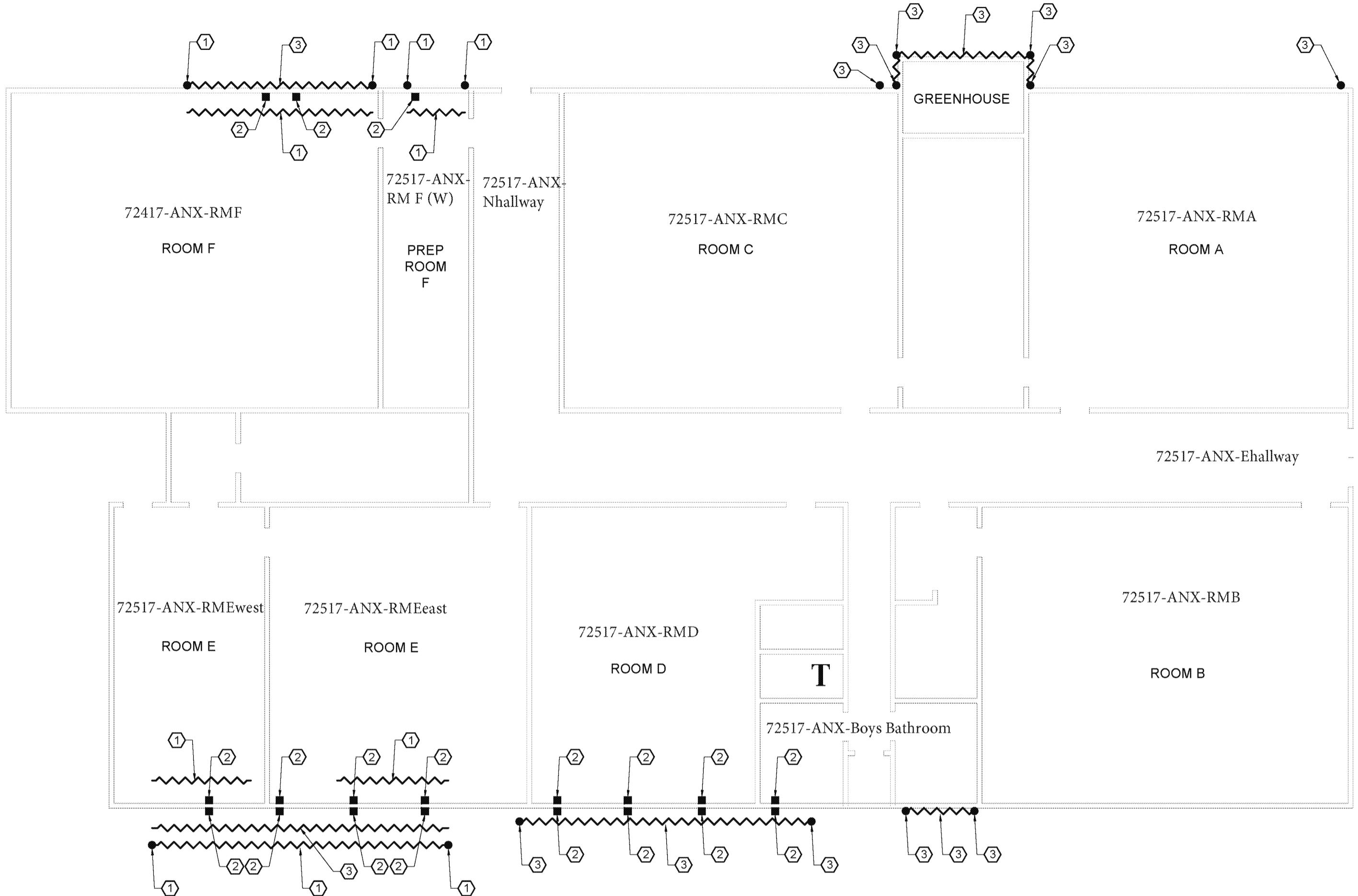
### LEGEND

- VERTICAL CAULKING RUN
- ~~~~~ HORIZONTAL CAULKING RUN!
- ## SAMPLE LOCATION



| Sample Number        | Location               | Air/Wipe | Results      |
|----------------------|------------------------|----------|--------------|
| 72517-ADM-Seoffice   | Admin Southeast Office | Air      | <47.6 ng/m³  |
| 72517-ADM-Soffice    | Admin South Office     | Air      | <47.6 ng/m³  |
| 72517-ADM-Swoffice   | Admin Southwest Office | Air      | <47.6 ng/m³  |
| 72517-ADM-Woffice    | Admin West office      | Air      | <47.6 ng/m³  |
| 72517-ADM-NWoffice   | Admin Northwest Office | Air      | <47.6 ng/m³  |
| 72517-ADM-Center     | Admin Center Office    | Air      | <47.6 ng/m³  |
| 72517-ADM-Conference | Admin Conference       | Air      | <47.6 ng/m³  |
| 72517-ADM-StaffRM    | Admin Staff Room       | Air      | <47.6 ng/m³  |
| 72517-ADM-Seoffice   | Admin Southeast Office | Wipe     | <0.10 µg/cm² |
| 72517-ADM-Office     | Admin West office      | Wipe     | <0.10 µg/cm² |

Figure provided by Monroe School District



## **ANNEX BUILDING**

---

NOT TO SCALE

## LEGEND

**Sample Location #**

| Sample Number                 | Location                  | Air/Wipe | Results                  |
|-------------------------------|---------------------------|----------|--------------------------|
| 72517-ANX-RM B                | Annex Room B              | Air      | <47.6 ng/m <sup>3</sup>  |
| 72517-ANX-RM A                | Annex Room A              | Air      | <47.6 ng/m <sup>3</sup>  |
| 72517-ANX- East Hallway       | Annex East Hallway        | Air      | <47.6 ng/m <sup>3</sup>  |
| 72517-ANX- Boys Bathroom      | Annex Boys Bathroom       | Air      | <47.6 ng/m <sup>3</sup>  |
| 72517-ANX-RM C                | Annex Room C              | Air      | <47.6 ng/m <sup>3</sup>  |
| 72517-ANX-RM D                | Annex Room D              | Air      | <47.6 ng/m <sup>3</sup>  |
| 72517-ANX-RME East            | Annex Room E East         | Air      | <47.6 ng/m <sup>3</sup>  |
| 72517-ANX-RME West            | Annex Room E West         | Air      | <47.6 ng/m <sup>3</sup>  |
| 72517-ANX-RM F                | Annex Room F              | Air      | <47.6 ng/m <sup>3</sup>  |
| 72517-ANX-Hallway North       | Annex Hallway North       | Air      | <47.6 ng/m <sup>3</sup>  |
| 72517-ANX-RMB Office Supplies | Annex RMB Office Supplies | Air      | <47.6 ng/m <sup>3</sup>  |
| 72517-ANX-RM F                | Annex Room F              | Wipe     | <0.10 µg/cm <sup>2</sup> |

## **GENERAL NOTES**

1. ALL ABATEMENT RELATED ACTIVITIES AT THIS PROJECT SITE SHALL COMPLY WITH DIVISION 01 AND 02 AND SPECIFICALLY SECTION 028400 PCB ACTIVITIES. CONTRACTOR TO VERIFY ALL ITEMS SHOWN, LOCATIONS AND QUANTITIES OF MATERIALS TO BE REMOVED, AND DIMENSIONS PRIOR TO REMOVAL. ANY DEVIATIONS FROM THE SPECIFICATION THAT ARE DISCOVERED BY THE CONTRACTOR SHALL BE REPORTED TO THE OWNERS REPRESENTATIVE PRIOR TO REMOVAL. THE DRAWINGS ARE FOR DIAGRAMMATIC PURPOSES ONLY. GENERAL LOCATIONS OF PCB-CONTAINING MATERIALS ARE DEPICTED DIAGRAMMATICALLY ON THE DRAWINGS. THE REMAINING MATERIAL LOCATIONS ARE DESCRIBED TEXTUALLY ON THESE DRAWINGS. QUANTITIES OF HAZARDOUS MATERIALS LISTED ON THIS SHEET ARE CONSIDERED ACCURATE TO WITHIN +/- 10%. THE CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS, EQUIPMENT AND PERMITS FOR THE REMOVAL AND DISPOSAL OF THE QUANTITIES OF HAZARDOUS MATERIALS PROVIDED PLUS AN ADDITIONAL 10%. THE CONTRACTOR WILL BE COMPENSATED FOR QUANTITIES WHICH ARE GREATER THAN 110% OF THE TOTAL AND THE OWNER WILL DEDUCT FROM THE CONTRACT SUM QUANTITIES THAT ARE 90% OR LESS OF THE TOTAL.
  2. REMOVAL OF HAZARDOUS MATERIALS MAY COMPROMISE THE SECURITY OF THE SITE. THE CONTRACTOR IS FULLY RESPONSIBLE FOR MAINTAINING SITE SECURITY AND PUBLIC SAFETY THROUGHOUT THE PROJECT. SEE SPECIFICATIONS REGARDING SECURITY AND PUBLIC SAFETY.
  3. ABATEMENT CONTRACTOR TO COORDINATE ALL ACTIVITIES WITH ALL OTHER ONSITE WORK INCLUDING, BUT NOT LIMITED TO: SCHEDULE, ACCESS, STAGING, ETC. ABATEMENT CONTRACTOR TO REPORT LOCATIONS AND QUANTITIES OF ALL HAZARDOUS MATERIALS TO BE REMOVED, TO THE OWNERS REPRESENTATIVE PRIOR TO ABATEMENT/DEMOLITION.
  4. THE CONTRACTOR SHALL REMOVE ALL ACCESSIBLE CAULKING IN ALL AREAS WITHOUT PERFORMING DEMOLITION OF BUILDING COMPONENTS

KEY NOTES

- ① REMOVE APPROX. 200 LF OF PCB-CONTAINING CAULKING LOCATED ON INTERIOR PERIMETER METAL WINDOW FRAME TRANSITIONS. THIS INCLUDES REMOVAL OF CAULKING WHICH EXISTS ON EXTERIOR METAL WINDOW FRAME TRANSITIONS ON THE NORTH AND SOUTH BUILDING ELEVATION WINDOWS AS SHOWN.
  - ② REMOVE APPROX. 80 LF OF PCB-CONTAINING CAULKING ON WOOD CEILING/SOFFIT BEAMS AT PERIMETER WALL/CEILING TRANSITIONS IN ROOMS E, F AND PREP ROOM F AS SHOWN.
  - ③ REMOVE APPROX. 300 LF OF PCB AND ASBESTOS-CONTAINING TAN CAULKING LOCATED ON VARIOUS VERTICAL AND HORIZONTAL METAL WINDOW FRAME TRANSITIONS ON THE NORTH AND SOUTH ELEVATIONS OF THE ANNEX BUILDING AS SHOWN.

## LEGEND

- VERTICAL CAULKING RUN
  - CAULKING ON BEAM
  -  HORIZONTAL CAULKING RUN

**SKY VALLEY  
EDUCATIONAL CENTER**

351 SHORT COLUMBIA STREET  
MONROE, WASHINGTON

|       |           |           |
|-------|-----------|-----------|
| JECT: |           | 41373.000 |
| VN:   |           | JHD       |
| CKED: |           | GM        |
| E:    |           | JUNE 2016 |
| NO.   | SHEET NO. |           |
|       | 4         | OF        |
|       |           | 5         |

**Attachment D**

**ALS Global Salt Lake Laboratory Reports  
Air Samples**



## ANALYTICAL REPORT

Report Date: August 30, 2017

Ryan Mathews  
Fulcrum Environmental  
406 North 2nd Street  
Yakima, WA 98901

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Workorder: **34-1723680**

Project ID: Sky Valley Education Center  
Purchase Order: 172070.02  
Project Manager Paul E. Pope

| Client Sample ID  | Lab ID     | Collect Date | Receive Date | Sampling Site        |
|-------------------|------------|--------------|--------------|----------------------|
| 72417-POD-RM01    | 1723680001 | 07/24/17     | 08/24/17     | Sky Valley Education |
| 72417-POD-RM02    | 1723680002 | 07/24/17     | 08/24/17     | Sky Valley Education |
| 72417-POD-RM03    | 1723680003 | 07/24/17     | 08/24/17     | Sky Valley Education |
| 72417-POD-RM04    | 1723680004 | 07/24/17     | 08/24/17     | Sky Valley Education |
| 72417-POD-RM05    | 1723680005 | 07/24/17     | 08/24/17     | Sky Valley Education |
| 72417-POD-RM06    | 1723680006 | 07/24/17     | 08/24/17     | Sky Valley Education |
| 72417-POD-RM07    | 1723680007 | 07/24/17     | 08/24/17     | Sky Valley Education |
| 72417-POD-RM08    | 1723680008 | 07/24/17     | 08/24/17     | Sky Valley Education |
| 72417-POD-RM09    | 1723680009 | 07/24/17     | 08/24/17     | Sky Valley Education |
| 72417-POD-RM10    | 1723680010 | 07/24/17     | 08/24/17     | Sky Valley Education |
| 72417-POD-RM11    | 1723680011 | 07/24/17     | 08/24/17     | Sky Valley Education |
| 72417-POD-RM12    | 1723680012 | 07/24/17     | 08/24/17     | Sky Valley Education |
| 72417-POD-RM13    | 1723680013 | 07/24/17     | 08/24/17     | Sky Valley Education |
| 72417-POD-RM14    | 1723680014 | 07/24/17     | 08/24/17     | Sky Valley Education |
| 72417-POD-RM15    | 1723680015 | 07/24/17     | 08/24/17     | Sky Valley Education |
| 72417-POD-RM16    | 1723680016 | 07/24/17     | 08/24/17     | Sky Valley Education |
| 72417-POD-RM17    | 1723680017 | 07/24/17     | 08/24/17     | Sky Valley Education |
| 72417-POD-RM18    | 1723680018 | 07/24/17     | 08/24/17     | Sky Valley Education |
| 72417-POD-RM19    | 1723680019 | 07/24/17     | 08/24/17     | Sky Valley Education |
| 72417-POD-RM20    | 1723680020 | 07/24/17     | 08/24/17     | Sky Valley Education |
| 72417-POD-Ncenter | 1723680021 | 07/24/17     | 08/24/17     | Sky Valley Education |
| 72417-POD-Ecenter | 1723680022 | 07/24/17     | 08/24/17     | Sky Valley Education |
| 72417-POD-Scenter | 1723680023 | 07/24/17     | 08/24/17     | Sky Valley Education |
| 72417-POD-Library | 1723680024 | 07/24/17     | 08/24/17     | Sky Valley Education |
| 72417-ADM-Nurse   | 1723680025 | 07/24/17     | 08/24/17     | Sky Valley Education |
| 72417-Field Blank | 1723680026 | 07/24/17     | 08/24/17     | Sky Valley Education |
| 72417-Lab Blank   | 1723680027 | 07/24/17     | 08/24/17     | Sky Valley Education |
| MB-1              | 1723680028 | 07/24/17     | 08/24/17     |                      |
| LCS-1             | 1723680029 | 07/24/17     | 08/24/17     |                      |
| LCSD-1            | 1723680030 | 07/24/17     | 08/24/17     |                      |
| MB-2              | 1723680031 | 07/24/17     | 08/24/17     |                      |
| LCS-2             | 1723680032 | 07/24/17     | 08/24/17     |                      |



## ANALYTICAL REPORT

Workorder: **34-1723680**

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Project Manager Paul E. Pope

| Client Sample ID | Lab ID     | Collect Date | Receive Date | Sampling Site |
|------------------|------------|--------------|--------------|---------------|
| LCSD-2           | 1723680033 | 07/24/17     | 08/24/17     |               |



# ANALYTICAL REPORT

Workorder: **34-1723680**

Client: Fulcrum Environmental Consulting

Project Manager: Paul E. Pope

## Analytical Results

|                                  |                                       |                       |
|----------------------------------|---------------------------------------|-----------------------|
| Sample ID: <b>72417-POD-RM01</b> | Sampling Site: Sky Valley Education   | Collected: 07/24/2017 |
| Lab ID: 1723680001               | Media: PUF Tube                       | Received: 08/24/2017  |
| Matrix: Air                      | Sampling Parameter: Air Volume 2100 L |                       |

### Analysis Method - EPA TO-10A, PCBs

| Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A<br>Batch: ENVX/25445 (HBN: 197665)<br>Prepared: 08/25/2017 | Weight/Volume<br>Initial: 1 filter<br>Final: 10 mL | Analysis: EPA TO-10A, PCBs Air<br>Batch: EGC/7004 (HBN: 197887)<br>Analyzed: 08/25/2017 00:00 | Instrument ID: GCE03<br>Percent Solid: NA<br>Report Basis: Wet |
|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| Analyte                                                                                                   | Result<br>(ug/sample)                              | RL<br>(ug/sample)                                                                             | Dilution                                                       |
| Tetrachloro-m-xylene                                                                                      | <b>0.59</b>                                        | NA                                                                                            | 1                                                              |
| Decachlorobiphenyl                                                                                        | <b>0.68</b>                                        | NA                                                                                            | 1                                                              |
| Aroclor 1260                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1254                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1221                                                                                              | ND                                                 | 0.20                                                                                          | 1                                                              |
| Aroclor 1232                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1248                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1016                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1242                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1268                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1262                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |

|                                  |                                       |                       |
|----------------------------------|---------------------------------------|-----------------------|
| Sample ID: <b>72417-POD-RM02</b> | Sampling Site: Sky Valley Education   | Collected: 07/24/2017 |
| Lab ID: 1723680002               | Media: PUF Tube                       | Received: 08/24/2017  |
| Matrix: Air                      | Sampling Parameter: Air Volume 2100 L |                       |

### Analysis Method - EPA TO-10A, PCBs

| Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A<br>Batch: ENVX/25445 (HBN: 197665)<br>Prepared: 08/25/2017 | Weight/Volume<br>Initial: 1 filter<br>Final: 10 mL | Analysis: EPA TO-10A, PCBs Air<br>Batch: EGC/7004 (HBN: 197887)<br>Analyzed: 08/25/2017 00:00 | Instrument ID: GCE03<br>Percent Solid: NA<br>Report Basis: Wet |
|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| Analyte                                                                                                   | Result<br>(ug/sample)                              | RL<br>(ug/sample)                                                                             | Dilution                                                       |
| Tetrachloro-m-xylene                                                                                      | <b>0.60</b>                                        | NA                                                                                            | 1                                                              |
| Decachlorobiphenyl                                                                                        | <b>0.70</b>                                        | NA                                                                                            | 1                                                              |
| Aroclor 1260                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1254                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1221                                                                                              | ND                                                 | 0.20                                                                                          | 1                                                              |
| Aroclor 1232                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1248                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1016                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1242                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1268                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1262                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |



# ANALYTICAL REPORT

Workorder: **34-1723680**

Client: Fulcrum Environmental Consulting

Project Manager: Paul E. Pope

## Analytical Results

|                                  |                                       |                       |
|----------------------------------|---------------------------------------|-----------------------|
| Sample ID: <b>72417-POD-RM03</b> | Sampling Site: Sky Valley Education   | Collected: 07/24/2017 |
| Lab ID: 1723680003               | Media: PUF Tube                       | Received: 08/24/2017  |
| Matrix: Air                      | Sampling Parameter: Air Volume 2100 L |                       |

### Analysis Method - EPA TO-10A, PCBs

| Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A<br>Batch: ENVX/25445 (HBN: 197665)<br>Prepared: 08/25/2017 | Weight/Volume<br>Initial: 1 filter<br>Final: 10 mL | Analysis: EPA TO-10A, PCBs Air<br>Batch: EGC/7004 (HBN: 197887)<br>Analyzed: 08/25/2017 00:00 | Instrument ID: GCE03<br>Percent Solid: NA<br>Report Basis: Wet |
|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| Analyte                                                                                                   | Result<br>(ug/sample)                              | RL<br>(ug/sample)                                                                             | Dilution                                                       |
| Tetrachloro-m-xylene                                                                                      | <b>0.60</b>                                        | NA                                                                                            | 1                                                              |
| Decachlorobiphenyl                                                                                        | <b>0.71</b>                                        | NA                                                                                            | 1                                                              |
| Aroclor 1260                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1254                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1221                                                                                              | ND                                                 | 0.20                                                                                          | 1                                                              |
| Aroclor 1232                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1248                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1016                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1242                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1268                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1262                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |

|                                  |                                       |                       |
|----------------------------------|---------------------------------------|-----------------------|
| Sample ID: <b>72417-POD-RM04</b> | Sampling Site: Sky Valley Education   | Collected: 07/24/2017 |
| Lab ID: 1723680004               | Media: PUF Tube                       | Received: 08/24/2017  |
| Matrix: Air                      | Sampling Parameter: Air Volume 2100 L |                       |

### Analysis Method - EPA TO-10A, PCBs

| Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A<br>Batch: ENVX/25445 (HBN: 197665)<br>Prepared: 08/25/2017 | Weight/Volume<br>Initial: 1 filter<br>Final: 10 mL | Analysis: EPA TO-10A, PCBs Air<br>Batch: EGC/7004 (HBN: 197887)<br>Analyzed: 08/25/2017 00:00 | Instrument ID: GCE03<br>Percent Solid: NA<br>Report Basis: Wet |
|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| Analyte                                                                                                   | Result<br>(ug/sample)                              | RL<br>(ug/sample)                                                                             | Dilution                                                       |
| Tetrachloro-m-xylene                                                                                      | <b>0.43</b>                                        | NA                                                                                            | 1                                                              |
| Decachlorobiphenyl                                                                                        | <b>0.69</b>                                        | NA                                                                                            | 1                                                              |
| Aroclor 1260                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1254                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1221                                                                                              | ND                                                 | 0.20                                                                                          | 1                                                              |
| Aroclor 1232                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1248                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1016                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1242                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1268                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1262                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |



# ANALYTICAL REPORT

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Project Manager: Paul E. Pope

## Analytical Results

|                                  |                                       |                       |
|----------------------------------|---------------------------------------|-----------------------|
| Sample ID: <b>72417-POD-RM05</b> | Sampling Site: Sky Valley Education   | Collected: 07/24/2017 |
| Lab ID: 1723680005               | Media: PUF Tube                       | Received: 08/24/2017  |
| Matrix: Air                      | Sampling Parameter: Air Volume 2100 L |                       |

### Analysis Method - EPA TO-10A, PCBs

| Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A<br>Batch: ENVX/25445 (HBN: 197665)<br>Prepared: 08/25/2017 | Weight/Volume<br>Initial: 1 filter<br>Final: 10 mL | Analysis: EPA TO-10A, PCBs Air<br>Batch: EGC/7004 (HBN: 197887)<br>Analyzed: 08/25/2017 00:00 | Instrument ID: GCE03<br>Percent Solid: NA<br>Report Basis: Wet |
|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| Analyte                                                                                                   | Result<br>(ug/sample)                              | RL<br>(ug/sample)                                                                             | Dilution                                                       |
| Tetrachloro-m-xylene                                                                                      | <b>0.57</b>                                        | NA                                                                                            | 1                                                              |
| Decachlorobiphenyl                                                                                        | <b>0.70</b>                                        | NA                                                                                            | 1                                                              |
| Aroclor 1260                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1254                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1221                                                                                              | ND                                                 | 0.20                                                                                          | 1                                                              |
| Aroclor 1232                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1248                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1016                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1242                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1268                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1262                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |

|                                  |                                       |                       |
|----------------------------------|---------------------------------------|-----------------------|
| Sample ID: <b>72417-POD-RM06</b> | Sampling Site: Sky Valley Education   | Collected: 07/24/2017 |
| Lab ID: 1723680006               | Media: PUF Tube                       | Received: 08/24/2017  |
| Matrix: Air                      | Sampling Parameter: Air Volume 2100 L |                       |

### Analysis Method - EPA TO-10A, PCBs

| Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A<br>Batch: ENVX/25445 (HBN: 197665)<br>Prepared: 08/25/2017 | Weight/Volume<br>Initial: 1 filter<br>Final: 10 mL | Analysis: EPA TO-10A, PCBs Air<br>Batch: EGC/7004 (HBN: 197887)<br>Analyzed: 08/25/2017 00:00 | Instrument ID: GCE03<br>Percent Solid: NA<br>Report Basis: Wet |
|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| Analyte                                                                                                   | Result<br>(ug/sample)                              | RL<br>(ug/sample)                                                                             | Dilution                                                       |
| Tetrachloro-m-xylene                                                                                      | <b>0.61</b>                                        | NA                                                                                            | 1                                                              |
| Decachlorobiphenyl                                                                                        | <b>0.72</b>                                        | NA                                                                                            | 1                                                              |
| Aroclor 1260                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1254                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1221                                                                                              | ND                                                 | 0.20                                                                                          | 1                                                              |
| Aroclor 1232                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1248                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1016                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1242                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1268                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1262                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |



# ANALYTICAL REPORT

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Project Manager: Paul E. Pope

## Analytical Results

|                                  |                                       |                       |
|----------------------------------|---------------------------------------|-----------------------|
| Sample ID: <b>72417-POD-RM07</b> | Sampling Site: Sky Valley Education   | Collected: 07/24/2017 |
| Lab ID: 1723680007               | Media: PUF Tube                       | Received: 08/24/2017  |
| Matrix: Air                      | Sampling Parameter: Air Volume 2100 L |                       |

### Analysis Method - EPA TO-10A, PCBs

| Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A<br>Batch: ENVX/25445 (HBN: 197665)<br>Prepared: 08/25/2017 | Weight/Volume<br>Initial: 1 filter<br>Final: 10 mL | Analysis: EPA TO-10A, PCBs Air<br>Batch: EGC/7004 (HBN: 197887)<br>Analyzed: 08/25/2017 00:00 | Instrument ID: GCE03<br>Percent Solid: NA<br>Report Basis: Wet |
|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| Analyte                                                                                                   | Result<br>(ug/sample)                              | RL<br>(ug/sample)                                                                             | Dilution                                                       |
| Tetrachloro-m-xylene                                                                                      | <b>0.61</b>                                        | NA                                                                                            | 1                                                              |
| Decachlorobiphenyl                                                                                        | <b>0.71</b>                                        | NA                                                                                            | 1                                                              |
| Aroclor 1260                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1254                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1221                                                                                              | ND                                                 | 0.20                                                                                          | 1                                                              |
| Aroclor 1232                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1248                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1016                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1242                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1268                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1262                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |

|                                  |                                       |                       |
|----------------------------------|---------------------------------------|-----------------------|
| Sample ID: <b>72417-POD-RM08</b> | Sampling Site: Sky Valley Education   | Collected: 07/24/2017 |
| Lab ID: 1723680008               | Media: PUF Tube                       | Received: 08/24/2017  |
| Matrix: Air                      | Sampling Parameter: Air Volume 2100 L |                       |

### Analysis Method - EPA TO-10A, PCBs

| Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A<br>Batch: ENVX/25445 (HBN: 197665)<br>Prepared: 08/25/2017 | Weight/Volume<br>Initial: 1 filter<br>Final: 10 mL | Analysis: EPA TO-10A, PCBs Air<br>Batch: EGC/7004 (HBN: 197887)<br>Analyzed: 08/25/2017 00:00 | Instrument ID: GCE03<br>Percent Solid: NA<br>Report Basis: Wet |
|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| Analyte                                                                                                   | Result<br>(ug/sample)                              | RL<br>(ug/sample)                                                                             | Dilution                                                       |
| Tetrachloro-m-xylene                                                                                      | <b>0.51</b>                                        | NA                                                                                            | 1                                                              |
| Decachlorobiphenyl                                                                                        | <b>0.70</b>                                        | NA                                                                                            | 1                                                              |
| Aroclor 1260                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1254                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1221                                                                                              | ND                                                 | 0.20                                                                                          | 1                                                              |
| Aroclor 1232                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1248                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1016                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1242                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1268                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1262                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |



# ANALYTICAL REPORT

Workorder: **34-1723680**

Client: Fulcrum Environmental Consulting

Project Manager: Paul E. Pope

## Analytical Results

|                                  |                                       |                       |
|----------------------------------|---------------------------------------|-----------------------|
| Sample ID: <b>72417-POD-RM09</b> | Sampling Site: Sky Valley Education   | Collected: 07/24/2017 |
| Lab ID: 1723680009               | Media: PUF Tube                       | Received: 08/24/2017  |
| Matrix: Air                      | Sampling Parameter: Air Volume 2100 L |                       |

### Analysis Method - EPA TO-10A, PCBs

| Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A<br>Batch: ENVX/25445 (HBN: 197665)<br>Prepared: 08/25/2017 | Weight/Volume<br>Initial: 1 filter<br>Final: 10 mL | Analysis: EPA TO-10A, PCBs Air<br>Batch: EGC/7004 (HBN: 197887)<br>Analyzed: 08/25/2017 00:00 | Instrument ID: GCE03<br>Percent Solid: NA<br>Report Basis: Wet |
|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| Analyte                                                                                                   | Result<br>(ug/sample)                              | RL<br>(ug/sample)                                                                             | Dilution                                                       |
| Tetrachloro-m-xylene                                                                                      | <b>0.59</b>                                        | NA                                                                                            | 1                                                              |
| Decachlorobiphenyl                                                                                        | <b>0.71</b>                                        | NA                                                                                            | 1                                                              |
| Aroclor 1260                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1254                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1221                                                                                              | ND                                                 | 0.20                                                                                          | 1                                                              |
| Aroclor 1232                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1248                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1016                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1242                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1268                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1262                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |

|                                  |                                       |                       |
|----------------------------------|---------------------------------------|-----------------------|
| Sample ID: <b>72417-POD-RM10</b> | Sampling Site: Sky Valley Education   | Collected: 07/24/2017 |
| Lab ID: 1723680010               | Media: PUF Tube                       | Received: 08/24/2017  |
| Matrix: Air                      | Sampling Parameter: Air Volume 2100 L |                       |

### Analysis Method - EPA TO-10A, PCBs

| Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A<br>Batch: ENVX/25445 (HBN: 197665)<br>Prepared: 08/25/2017 | Weight/Volume<br>Initial: 1 filter<br>Final: 10 mL | Analysis: EPA TO-10A, PCBs Air<br>Batch: EGC/7004 (HBN: 197887)<br>Analyzed: 08/25/2017 00:00 | Instrument ID: GCE03<br>Percent Solid: NA<br>Report Basis: Wet |
|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| Analyte                                                                                                   | Result<br>(ug/sample)                              | RL<br>(ug/sample)                                                                             | Dilution                                                       |
| Tetrachloro-m-xylene                                                                                      | <b>0.66</b>                                        | NA                                                                                            | 1                                                              |
| Decachlorobiphenyl                                                                                        | <b>0.72</b>                                        | NA                                                                                            | 1                                                              |
| Aroclor 1260                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1254                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1221                                                                                              | ND                                                 | 0.20                                                                                          | 1                                                              |
| Aroclor 1232                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1248                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1016                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1242                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1268                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1262                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |



# ANALYTICAL REPORT

Workorder: **34-1723680**

Client: Fulcrum Environmental Consulting

Project Manager: Paul E. Pope

## Analytical Results

|                                  |                                       |                       |
|----------------------------------|---------------------------------------|-----------------------|
| Sample ID: <b>72417-POD-RM11</b> | Sampling Site: Sky Valley Education   | Collected: 07/24/2017 |
| Lab ID: 1723680011               | Media: PUF Tube                       | Received: 08/24/2017  |
| Matrix: Air                      | Sampling Parameter: Air Volume 2100 L |                       |

### Analysis Method - EPA TO-10A, PCBs

| Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A<br>Batch: ENVX/25445 (HBN: 197665)<br>Prepared: 08/25/2017 | Weight/Volume<br>Initial: 1 filter<br>Final: 10 mL | Analysis: EPA TO-10A, PCBs Air<br>Batch: EGC/7004 (HBN: 197887)<br>Analyzed: 08/25/2017 00:00 | Instrument ID: GCE03<br>Percent Solid: NA<br>Report Basis: Wet |
|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| Analyte                                                                                                   | Result<br>(ug/sample)                              | RL<br>(ug/sample)                                                                             | Dilution                                                       |
| Tetrachloro-m-xylene                                                                                      | <b>0.64</b>                                        | NA                                                                                            | 1                                                              |
| Decachlorobiphenyl                                                                                        | <b>0.73</b>                                        | NA                                                                                            | 1                                                              |
| Aroclor 1260                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1254                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1221                                                                                              | ND                                                 | 0.20                                                                                          | 1                                                              |
| Aroclor 1232                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1248                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1016                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1242                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1268                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1262                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |

|                                  |                                       |                       |
|----------------------------------|---------------------------------------|-----------------------|
| Sample ID: <b>72417-POD-RM12</b> | Sampling Site: Sky Valley Education   | Collected: 07/24/2017 |
| Lab ID: 1723680012               | Media: PUF Tube                       | Received: 08/24/2017  |
| Matrix: Air                      | Sampling Parameter: Air Volume 2100 L |                       |

### Analysis Method - EPA TO-10A, PCBs

| Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A<br>Batch: ENVX/25445 (HBN: 197665)<br>Prepared: 08/25/2017 | Weight/Volume<br>Initial: 1 filter<br>Final: 10 mL | Analysis: EPA TO-10A, PCBs Air<br>Batch: EGC/7004 (HBN: 197887)<br>Analyzed: 08/25/2017 00:00 | Instrument ID: GCE03<br>Percent Solid: NA<br>Report Basis: Wet |
|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| Analyte                                                                                                   | Result<br>(ug/sample)                              | RL<br>(ug/sample)                                                                             | Dilution                                                       |
| Tetrachloro-m-xylene                                                                                      | <b>0.63</b>                                        | NA                                                                                            | 1                                                              |
| Decachlorobiphenyl                                                                                        | <b>0.70</b>                                        | NA                                                                                            | 1                                                              |
| Aroclor 1260                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1254                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1221                                                                                              | ND                                                 | 0.20                                                                                          | 1                                                              |
| Aroclor 1232                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1248                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1016                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1242                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1268                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1262                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |



# ANALYTICAL REPORT

Workorder: **34-1723680**

Client: Fulcrum Environmental Consulting

Project Manager: Paul E. Pope

## Analytical Results

|                                  |                                       |                       |
|----------------------------------|---------------------------------------|-----------------------|
| Sample ID: <b>72417-POD-RM13</b> | Sampling Site: Sky Valley Education   | Collected: 07/24/2017 |
| Lab ID: 1723680013               | Media: PUF Tube                       | Received: 08/24/2017  |
| Matrix: Air                      | Sampling Parameter: Air Volume 2100 L |                       |

### Analysis Method - EPA TO-10A, PCBs

| Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A<br>Batch: ENVX/25445 (HBN: 197665)<br>Prepared: 08/25/2017 | Weight/Volume<br>Initial: 1 filter<br>Final: 10 mL | Analysis: EPA TO-10A, PCBs Air<br>Batch: EGC/7004 (HBN: 197887)<br>Analyzed: 08/26/2017 00:00 | Instrument ID: GCE03<br>Percent Solid: NA<br>Report Basis: Wet |
|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| Analyte                                                                                                   | Result<br>(ug/sample)                              | RL<br>(ug/sample)                                                                             | Dilution                                                       |
| Tetrachloro-m-xylene                                                                                      | <b>0.65</b>                                        | NA                                                                                            | 1                                                              |
| Decachlorobiphenyl                                                                                        | <b>0.72</b>                                        | NA                                                                                            | 1                                                              |
| Aroclor 1260                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1254                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1221                                                                                              | ND                                                 | 0.20                                                                                          | 1                                                              |
| Aroclor 1232                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1248                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1016                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1242                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1268                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1262                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |

|                                  |                                       |                       |
|----------------------------------|---------------------------------------|-----------------------|
| Sample ID: <b>72417-POD-RM14</b> | Sampling Site: Sky Valley Education   | Collected: 07/24/2017 |
| Lab ID: 1723680014               | Media: PUF Tube                       | Received: 08/24/2017  |
| Matrix: Air                      | Sampling Parameter: Air Volume 2100 L |                       |

### Analysis Method - EPA TO-10A, PCBs

| Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A<br>Batch: ENVX/25445 (HBN: 197665)<br>Prepared: 08/25/2017 | Weight/Volume<br>Initial: 1 filter<br>Final: 10 mL | Analysis: EPA TO-10A, PCBs Air<br>Batch: EGC/7004 (HBN: 197887)<br>Analyzed: 08/26/2017 00:00 | Instrument ID: GCE03<br>Percent Solid: NA<br>Report Basis: Wet |
|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| Analyte                                                                                                   | Result<br>(ug/sample)                              | RL<br>(ug/sample)                                                                             | Dilution                                                       |
| Tetrachloro-m-xylene                                                                                      | <b>0.64</b>                                        | NA                                                                                            | 1                                                              |
| Decachlorobiphenyl                                                                                        | <b>0.74</b>                                        | NA                                                                                            | 1                                                              |
| Aroclor 1260                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1254                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1221                                                                                              | ND                                                 | 0.20                                                                                          | 1                                                              |
| Aroclor 1232                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1248                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1016                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1242                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1268                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1262                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |



# ANALYTICAL REPORT

Workorder: **34-1723680**

Client: Fulcrum Environmental Consulting

Project Manager: Paul E. Pope

## Analytical Results

|                                  |                                       |                       |
|----------------------------------|---------------------------------------|-----------------------|
| Sample ID: <b>72417-POD-RM15</b> | Sampling Site: Sky Valley Education   | Collected: 07/24/2017 |
| Lab ID: 1723680015               | Media: PUF Tube                       | Received: 08/24/2017  |
| Matrix: Air                      | Sampling Parameter: Air Volume 2100 L |                       |

### Analysis Method - EPA TO-10A, PCBs

| Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A<br>Batch: ENVX/25445 (HBN: 197665)<br>Prepared: 08/25/2017 | Weight/Volume<br>Initial: 1 filter<br>Final: 10 mL | Analysis: EPA TO-10A, PCBs Air<br>Batch: EGC/7004 (HBN: 197887)<br>Analyzed: 08/26/2017 00:00 | Instrument ID: GCE03<br>Percent Solid: NA<br>Report Basis: Wet |
|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| Analyte                                                                                                   | Result<br>(ug/sample)                              | RL<br>(ug/sample)                                                                             | Dilution                                                       |
| Tetrachloro-m-xylene                                                                                      | <b>0.62</b>                                        | NA                                                                                            | 1                                                              |
| Decachlorobiphenyl                                                                                        | <b>0.72</b>                                        | NA                                                                                            | 1                                                              |
| Aroclor 1260                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1254                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1221                                                                                              | ND                                                 | 0.20                                                                                          | 1                                                              |
| Aroclor 1232                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1248                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1016                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1242                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1268                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1262                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |

|                                  |                                       |                       |
|----------------------------------|---------------------------------------|-----------------------|
| Sample ID: <b>72417-POD-RM16</b> | Sampling Site: Sky Valley Education   | Collected: 07/24/2017 |
| Lab ID: 1723680016               | Media: PUF Tube                       | Received: 08/24/2017  |
| Matrix: Air                      | Sampling Parameter: Air Volume 2100 L |                       |

### Analysis Method - EPA TO-10A, PCBs

| Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A<br>Batch: ENVX/25445 (HBN: 197665)<br>Prepared: 08/25/2017 | Weight/Volume<br>Initial: 1 filter<br>Final: 10 mL | Analysis: EPA TO-10A, PCBs Air<br>Batch: EGC/7004 (HBN: 197887)<br>Analyzed: 08/26/2017 00:00 | Instrument ID: GCE03<br>Percent Solid: NA<br>Report Basis: Wet |
|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| Analyte                                                                                                   | Result<br>(ug/sample)                              | RL<br>(ug/sample)                                                                             | Dilution                                                       |
| Tetrachloro-m-xylene                                                                                      | <b>0.65</b>                                        | NA                                                                                            | 1                                                              |
| Decachlorobiphenyl                                                                                        | <b>0.76</b>                                        | NA                                                                                            | 1                                                              |
| Aroclor 1260                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1254                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1221                                                                                              | ND                                                 | 0.20                                                                                          | 1                                                              |
| Aroclor 1232                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1248                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1016                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1242                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1268                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1262                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |



# ANALYTICAL REPORT

Workorder: **34-1723680**

Client: Fulcrum Environmental Consulting

Project Manager: Paul E. Pope

## Analytical Results

|                                  |                                       |                       |
|----------------------------------|---------------------------------------|-----------------------|
| Sample ID: <b>72417-POD-RM17</b> | Sampling Site: Sky Valley Education   | Collected: 07/24/2017 |
| Lab ID: 1723680017               | Media: PUF Tube                       | Received: 08/24/2017  |
| Matrix: Air                      | Sampling Parameter: Air Volume 2100 L |                       |

### Analysis Method - EPA TO-10A, PCBs

| Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A<br>Batch: ENVX/25445 (HBN: 197665)<br>Prepared: 08/25/2017 | Weight/Volume<br>Initial: 1 filter<br>Final: 10 mL | Analysis: EPA TO-10A, PCBs Air<br>Batch: EGC/7004 (HBN: 197887)<br>Analyzed: 08/26/2017 00:00 | Instrument ID: GCE03<br>Percent Solid: NA<br>Report Basis: Wet |
|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| Analyte                                                                                                   | Result<br>(ug/sample)                              | RL<br>(ug/sample)                                                                             | Dilution                                                       |
| Tetrachloro-m-xylene                                                                                      | <b>0.61</b>                                        | NA                                                                                            | 1                                                              |
| Decachlorobiphenyl                                                                                        | <b>0.73</b>                                        | NA                                                                                            | 1                                                              |
| Aroclor 1260                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1254                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1221                                                                                              | ND                                                 | 0.20                                                                                          | 1                                                              |
| Aroclor 1232                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1248                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1016                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1242                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1268                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1262                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |

|                                  |                                       |                       |
|----------------------------------|---------------------------------------|-----------------------|
| Sample ID: <b>72417-POD-RM18</b> | Sampling Site: Sky Valley Education   | Collected: 07/24/2017 |
| Lab ID: 1723680018               | Media: PUF Tube                       | Received: 08/24/2017  |
| Matrix: Air                      | Sampling Parameter: Air Volume 2100 L |                       |

### Analysis Method - EPA TO-10A, PCBs

| Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A<br>Batch: ENVX/25445 (HBN: 197665)<br>Prepared: 08/25/2017 | Weight/Volume<br>Initial: 1 filter<br>Final: 10 mL | Analysis: EPA TO-10A, PCBs Air<br>Batch: EGC/7004 (HBN: 197887)<br>Analyzed: 08/26/2017 00:00 | Instrument ID: GCE03<br>Percent Solid: NA<br>Report Basis: Wet |
|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| Analyte                                                                                                   | Result<br>(ug/sample)                              | RL<br>(ug/sample)                                                                             | Dilution                                                       |
| Tetrachloro-m-xylene                                                                                      | <b>0.70</b>                                        | NA                                                                                            | 1                                                              |
| Decachlorobiphenyl                                                                                        | <b>0.73</b>                                        | NA                                                                                            | 1                                                              |
| Aroclor 1260                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1254                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1221                                                                                              | ND                                                 | 0.20                                                                                          | 1                                                              |
| Aroclor 1232                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1248                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1016                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1242                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1268                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1262                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |



# ANALYTICAL REPORT

Workorder: **34-1723680**

Client: Fulcrum Environmental Consulting

Project Manager: Paul E. Pope

## Analytical Results

|                                  |                                       |                       |
|----------------------------------|---------------------------------------|-----------------------|
| Sample ID: <b>72417-POD-RM19</b> | Sampling Site: Sky Valley Education   | Collected: 07/24/2017 |
| Lab ID: 1723680019               | Media: PUF Tube                       | Received: 08/24/2017  |
| Matrix: Air                      | Sampling Parameter: Air Volume 2100 L |                       |

### Analysis Method - EPA TO-10A, PCBs

| Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A<br>Batch: ENVX/25445 (HBN: 197665)<br>Prepared: 08/25/2017 | Weight/Volume<br>Initial: 1 filter<br>Final: 10 mL | Analysis: EPA TO-10A, PCBs Air<br>Batch: EGC/7004 (HBN: 197887)<br>Analyzed: 08/26/2017 00:00 | Instrument ID: GCE03<br>Percent Solid: NA<br>Report Basis: Wet |
|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| Analyte                                                                                                   | Result<br>(ug/sample)                              | RL<br>(ug/sample)                                                                             | Dilution                                                       |
| Tetrachloro-m-xylene                                                                                      | <b>0.69</b>                                        | NA                                                                                            | 1                                                              |
| Decachlorobiphenyl                                                                                        | <b>0.74</b>                                        | NA                                                                                            | 1                                                              |
| Aroclor 1260                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1254                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1221                                                                                              | ND                                                 | 0.20                                                                                          | 1                                                              |
| Aroclor 1232                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1248                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1016                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1242                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1268                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1262                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |

|                                  |                                       |                       |
|----------------------------------|---------------------------------------|-----------------------|
| Sample ID: <b>72417-POD-RM20</b> | Sampling Site: Sky Valley Education   | Collected: 07/24/2017 |
| Lab ID: 1723680020               | Media: PUF Tube                       | Received: 08/24/2017  |
| Matrix: Air                      | Sampling Parameter: Air Volume 2100 L |                       |

### Analysis Method - EPA TO-10A, PCBs

| Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A<br>Batch: ENVX/25445 (HBN: 197665)<br>Prepared: 08/25/2017 | Weight/Volume<br>Initial: 1 filter<br>Final: 10 mL | Analysis: EPA TO-10A, PCBs Air<br>Batch: EGC/7004 (HBN: 197887)<br>Analyzed: 08/26/2017 00:00 | Instrument ID: GCE03<br>Percent Solid: NA<br>Report Basis: Wet |
|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| Analyte                                                                                                   | Result<br>(ug/sample)                              | RL<br>(ug/sample)                                                                             | Dilution                                                       |
| Tetrachloro-m-xylene                                                                                      | <b>0.69</b>                                        | NA                                                                                            | 1                                                              |
| Decachlorobiphenyl                                                                                        | <b>0.73</b>                                        | NA                                                                                            | 1                                                              |
| Aroclor 1260                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1254                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1221                                                                                              | ND                                                 | 0.20                                                                                          | 1                                                              |
| Aroclor 1232                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1248                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1016                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1242                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1268                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1262                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |



# ANALYTICAL REPORT

Workorder: **34-1723680**

Client: Fulcrum Environmental Consulting

Project Manager: Paul E. Pope

## Analytical Results

|                                     |                                       |                       |
|-------------------------------------|---------------------------------------|-----------------------|
| Sample ID: <b>72417-POD-Ncenter</b> | Sampling Site: Sky Valley Education   | Collected: 07/24/2017 |
| Lab ID: 1723680021                  | Media: PUF Tube                       | Received: 08/24/2017  |
| Matrix: Air                         | Sampling Parameter: Air Volume 2100 L |                       |

### Analysis Method - EPA TO-10A, PCBs

| Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A<br>Batch: ENVX/25445 (HBN: 197665)<br>Prepared: 08/25/2017 | Weight/Volume<br>Initial: 1 filter<br>Final: 10 mL | Analysis: EPA TO-10A, PCBs Air<br>Batch: EGC/7004 (HBN: 197887)<br>Analyzed: 08/26/2017 00:00 | Instrument ID: GCE03<br>Percent Solid: NA<br>Report Basis: Wet |
|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| Analyte                                                                                                   | Result<br>(ug/sample)                              | RL<br>(ug/sample)                                                                             | Dilution                                                       |
| Tetrachloro-m-xylene                                                                                      | <b>0.64</b>                                        | NA                                                                                            | 1                                                              |
| Decachlorobiphenyl                                                                                        | <b>0.68</b>                                        | NA                                                                                            | 1                                                              |
| Aroclor 1260                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1254                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1221                                                                                              | ND                                                 | 0.20                                                                                          | 1                                                              |
| Aroclor 1232                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1248                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1016                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1242                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1268                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1262                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |

|                                     |                                       |                       |
|-------------------------------------|---------------------------------------|-----------------------|
| Sample ID: <b>72417-POD-Ecenter</b> | Sampling Site: Sky Valley Education   | Collected: 07/24/2017 |
| Lab ID: 1723680022                  | Media: PUF Tube                       | Received: 08/24/2017  |
| Matrix: Air                         | Sampling Parameter: Air Volume 2100 L |                       |

### Analysis Method - EPA TO-10A, PCBs

| Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A<br>Batch: ENVX/25445 (HBN: 197665)<br>Prepared: 08/25/2017 | Weight/Volume<br>Initial: 1 filter<br>Final: 10 mL | Analysis: EPA TO-10A, PCBs Air<br>Batch: EGC/7004 (HBN: 197887)<br>Analyzed: 08/26/2017 00:00 | Instrument ID: GCE03<br>Percent Solid: NA<br>Report Basis: Wet |
|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| Analyte                                                                                                   | Result<br>(ug/sample)                              | RL<br>(ug/sample)                                                                             | Dilution                                                       |
| Tetrachloro-m-xylene                                                                                      | <b>0.73</b>                                        | NA                                                                                            | 1                                                              |
| Decachlorobiphenyl                                                                                        | <b>0.72</b>                                        | NA                                                                                            | 1                                                              |
| Aroclor 1260                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1254                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1221                                                                                              | ND                                                 | 0.20                                                                                          | 1                                                              |
| Aroclor 1232                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1248                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1016                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1242                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1268                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1262                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |



# ANALYTICAL REPORT

Workorder: **34-1723680**

Client: Fulcrum Environmental Consulting

Project Manager: Paul E. Pope

## Analytical Results

|                                     |                                       |                       |
|-------------------------------------|---------------------------------------|-----------------------|
| Sample ID: <b>72417-POD-Scenter</b> | Sampling Site: Sky Valley Education   | Collected: 07/24/2017 |
| Lab ID: 1723680023                  | Media: PUF Tube                       | Received: 08/24/2017  |
| Matrix: Air                         | Sampling Parameter: Air Volume 2100 L |                       |

### Analysis Method - EPA TO-10A, PCBs

| Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A<br>Batch: ENVX/25445 (HBN: 197665)<br>Prepared: 08/25/2017 | Weight/Volume<br>Initial: 1 filter<br>Final: 10 mL | Analysis: EPA TO-10A, PCBs Air<br>Batch: EGC/7004 (HBN: 197887)<br>Analyzed: 08/26/2017 00:00 | Instrument ID: GCE03<br>Percent Solid: NA<br>Report Basis: Wet |
|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| Analyte                                                                                                   | Result<br>(ug/sample)                              | RL<br>(ug/sample)                                                                             | Dilution                                                       |
| Tetrachloro-m-xylene                                                                                      | <b>0.69</b>                                        | NA                                                                                            | 1                                                              |
| Decachlorobiphenyl                                                                                        | <b>0.72</b>                                        | NA                                                                                            | 1                                                              |
| Aroclor 1260                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1254                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1221                                                                                              | ND                                                 | 0.20                                                                                          | 1                                                              |
| Aroclor 1232                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1248                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1016                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1242                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1268                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1262                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |

Sample ID: **72417-POD-Library**

Sampling Site: Sky Valley Education

Collected: 07/24/2017

Lab ID: 1723680024

Media: PUF Tube

Received: 08/24/2017

Matrix: Air

Sampling Parameter: Air Volume 2100 L

### Analysis Method - EPA TO-10A, PCBs

| Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A<br>Batch: ENVX/25445 (HBN: 197665)<br>Prepared: 08/25/2017 | Weight/Volume<br>Initial: 1 filter<br>Final: 10 mL | Analysis: EPA TO-10A, PCBs Air<br>Batch: EGC/7004 (HBN: 197887)<br>Analyzed: 08/26/2017 00:00 | Instrument ID: GCE03<br>Percent Solid: NA<br>Report Basis: Wet |
|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| Analyte                                                                                                   | Result<br>(ug/sample)                              | RL<br>(ug/sample)                                                                             | Dilution                                                       |
| Tetrachloro-m-xylene                                                                                      | <b>0.68</b>                                        | NA                                                                                            | 1                                                              |
| Decachlorobiphenyl                                                                                        | <b>0.70</b>                                        | NA                                                                                            | 1                                                              |
| Aroclor 1260                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1254                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1221                                                                                              | ND                                                 | 0.20                                                                                          | 1                                                              |
| Aroclor 1232                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1248                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1016                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1242                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1268                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1262                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |



# ANALYTICAL REPORT

Workorder: **34-1723680**

Client: Fulcrum Environmental Consulting

Project Manager: Paul E. Pope

## Analytical Results

|                                   |                                       |                       |
|-----------------------------------|---------------------------------------|-----------------------|
| Sample ID: <b>72417-ADM-Nurse</b> | Sampling Site: Sky Valley Education   | Collected: 07/24/2017 |
| Lab ID: 1723680025                | Media: PUF Tube                       | Received: 08/24/2017  |
| Matrix: Air                       | Sampling Parameter: Air Volume 2100 L |                       |

### Analysis Method - EPA TO-10A, PCBs

| Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A<br>Batch: ENVX/25445 (HBN: 197665)<br>Prepared: 08/25/2017 | Weight/Volume<br>Initial: 1 filter<br>Final: 10 mL | Analysis: EPA TO-10A, PCBs Air<br>Batch: EGC/7004 (HBN: 197887)<br>Analyzed: 08/26/2017 00:00 | Instrument ID: GCE03<br>Percent Solid: NA<br>Report Basis: Wet |
|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| Analyte                                                                                                   | Result<br>(ug/sample)                              | RL<br>(ug/sample)                                                                             | Dilution                                                       |
| Tetrachloro-m-xylene                                                                                      | <b>0.71</b>                                        | NA                                                                                            | 1                                                              |
| Decachlorobiphenyl                                                                                        | <b>0.71</b>                                        | NA                                                                                            | 1                                                              |
| Aroclor 1260                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1254                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1221                                                                                              | ND                                                 | 0.20                                                                                          | 1                                                              |
| Aroclor 1232                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1248                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1016                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1242                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1268                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1262                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |

|                                     |                                     |                       |
|-------------------------------------|-------------------------------------|-----------------------|
| Sample ID: <b>72417-Field Blank</b> | Sampling Site: Sky Valley Education | Collected: 07/24/2017 |
| Lab ID: 1723680026                  | Media: PUF Tube                     | Received: 08/24/2017  |
| Matrix: Air                         | Sampling Parameter: NA              |                       |

### Analysis Method - EPA TO-10A, PCBs

| Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A<br>Batch: ENVX/25445 (HBN: 197665)<br>Prepared: 08/25/2017 | Weight/Volume<br>Initial: 1 filter<br>Final: 10 mL | Analysis: EPA TO-10A, PCBs Air<br>Batch: EGC/7004 (HBN: 197887)<br>Analyzed: 08/26/2017 00:00 | Instrument ID: GCE03<br>Percent Solid: NA<br>Report Basis: Wet |
|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| Analyte                                                                                                   | Result<br>(ug/sample)                              | RL<br>(ug/sample)                                                                             | Dilution                                                       |
| Tetrachloro-m-xylene                                                                                      | <b>0.67</b>                                        | NA                                                                                            | 1                                                              |
| Decachlorobiphenyl                                                                                        | <b>0.70</b>                                        | NA                                                                                            | 1                                                              |
| Aroclor 1260                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1254                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1221                                                                                              | ND                                                 | 0.20                                                                                          | 1                                                              |
| Aroclor 1232                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1248                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1016                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1242                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1268                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1262                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |



# ANALYTICAL REPORT

Workorder: **34-1723680**

Client: Fulcrum Environmental Consulting

Project Manager: Paul E. Pope

## Analytical Results

|                                   |                                     |                       |
|-----------------------------------|-------------------------------------|-----------------------|
| Sample ID: <b>72417-Lab Blank</b> | Sampling Site: Sky Valley Education | Collected: 07/24/2017 |
| Lab ID: 1723680027                | Media: PUF Tube                     | Received: 08/24/2017  |
| Matrix: Air                       | Sampling Parameter: NA              |                       |

### Analysis Method - EPA TO-10A, PCBs

| Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A<br>Batch: ENVX/25445 (HBN: 197665)<br>Prepared: 08/25/2017 | Weight/Volume<br>Initial: 1 filter<br>Final: 10 mL | Analysis: EPA TO-10A, PCBs Air<br>Batch: EGC/7004 (HBN: 197887)<br>Analyzed: 08/26/2017 00:00 | Instrument ID: GCE03<br>Percent Solid: NA<br>Report Basis: Wet |
|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| Analyte                                                                                                   | Result<br>(ug/sample)                              | RL<br>(ug/sample)                                                                             | Dilution                                                       |
| Tetrachloro-m-xylene                                                                                      | <b>0.66</b>                                        | NA                                                                                            | 1                                                              |
| Decachlorobiphenyl                                                                                        | <b>0.70</b>                                        | NA                                                                                            | 1                                                              |
| Aroclor 1260                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1254                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1221                                                                                              | ND                                                 | 0.20                                                                                          | 1                                                              |
| Aroclor 1232                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1248                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1016                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1242                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1268                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1262                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |

|                        |                        |                       |
|------------------------|------------------------|-----------------------|
| Sample ID: <b>MB-1</b> | Sampling Site: NA      | Collected: 07/24/2017 |
| Lab ID: 1723680028     | Media: PUF Tube        | Received: 08/24/2017  |
| Matrix: Air            | Sampling Parameter: NA |                       |

### Analysis Method - EPA TO-10A, PCBs

| Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A<br>Batch: ENVX/25445 (HBN: 197665)<br>Prepared: 08/25/2017 | Weight/Volume<br>Initial: 1 filter<br>Final: 10 mL | Analysis: EPA TO-10A, PCBs Air<br>Batch: EGC/7004 (HBN: 197887)<br>Analyzed: 08/25/2017 00:00 | Instrument ID: GCE03<br>Percent Solid: NA<br>Report Basis: Wet |
|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| Analyte                                                                                                   | Result<br>(ug/sample)                              | RL<br>(ug/sample)                                                                             | Dilution                                                       |
| Tetrachloro-m-xylene                                                                                      | <b>0.62</b>                                        | NA                                                                                            | 1                                                              |
| Decachlorobiphenyl                                                                                        | <b>0.77</b>                                        | NA                                                                                            | 1                                                              |
| Aroclor 1260                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1254                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1221                                                                                              | ND                                                 | 0.20                                                                                          | 1                                                              |
| Aroclor 1232                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1248                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1016                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1242                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1268                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1262                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |



# ANALYTICAL REPORT

Workorder: **34-1723680**

Client: Fulcrum Environmental Consulting

Project Manager: Paul E. Pope

## Analytical Results

|                         |                        |                       |
|-------------------------|------------------------|-----------------------|
| Sample ID: <b>LCS-1</b> | Sampling Site: NA      | Collected: 07/24/2017 |
| Lab ID: 1723680029      | Media: PUF Tube        | Received: 08/24/2017  |
| Matrix: Air             | Sampling Parameter: NA |                       |

### Analysis Method - EPA TO-10A, PCBs

| Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A<br>Batch: ENVX/25445 (HBN: 197665)<br>Prepared: 08/25/2017 | Weight/Volume<br>Initial: 1 filter<br>Final: 10 mL | Analysis: EPA TO-10A, PCBs Air<br>Batch: EGC/7004 (HBN: 197887)<br>Analyzed: 08/25/2017 00:00 | Instrument ID: GCE03<br>Percent Solid: NA<br>Report Basis: Wet |
|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| Analyte                                                                                                   | Result<br>(ug/sample)                              | RL<br>(ug/sample)                                                                             | Dilution                                                       |
| Tetrachloro-m-xylene                                                                                      | <b>0.67</b>                                        | NA                                                                                            | 1                                                              |
| Decachlorobiphenyl                                                                                        | <b>0.81</b>                                        | NA                                                                                            | 1                                                              |
| Aroclor 1260                                                                                              | <b>4.4</b>                                         | 0.10                                                                                          | 1                                                              |
| Aroclor 1254                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1221                                                                                              | ND                                                 | 0.20                                                                                          | 1                                                              |
| Aroclor 1232                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1248                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1016                                                                                              | <b>3.9</b>                                         | 0.10                                                                                          | 1                                                              |
| Aroclor 1242                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1268                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1262                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |

|                          |                        |                       |
|--------------------------|------------------------|-----------------------|
| Sample ID: <b>LCSD-1</b> | Sampling Site: NA      | Collected: 07/24/2017 |
| Lab ID: 1723680030       | Media: PUF Tube        | Received: 08/24/2017  |
| Matrix: Air              | Sampling Parameter: NA |                       |

### Analysis Method - EPA TO-10A, PCBs

| Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A<br>Batch: ENVX/25445 (HBN: 197665)<br>Prepared: 08/25/2017 | Weight/Volume<br>Initial: 1 filter<br>Final: 10 mL | Analysis: EPA TO-10A, PCBs Air<br>Batch: EGC/7004 (HBN: 197887)<br>Analyzed: 08/25/2017 00:00 | Instrument ID: GCE03<br>Percent Solid: NA<br>Report Basis: Wet |
|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| Analyte                                                                                                   | Result<br>(ug/sample)                              | RL<br>(ug/sample)                                                                             | Dilution                                                       |
| Tetrachloro-m-xylene                                                                                      | <b>0.61</b>                                        | NA                                                                                            | 1                                                              |
| Decachlorobiphenyl                                                                                        | <b>0.80</b>                                        | NA                                                                                            | 1                                                              |
| Aroclor 1260                                                                                              | <b>4.2</b>                                         | 0.10                                                                                          | 1                                                              |
| Aroclor 1254                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1221                                                                                              | ND                                                 | 0.20                                                                                          | 1                                                              |
| Aroclor 1232                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1248                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1016                                                                                              | <b>3.7</b>                                         | 0.10                                                                                          | 1                                                              |
| Aroclor 1242                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1268                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1262                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |



# ANALYTICAL REPORT

Workorder: **34-1723680**

Client: Fulcrum Environmental Consulting

Project Manager: Paul E. Pope

## Analytical Results

|                        |                        |                       |
|------------------------|------------------------|-----------------------|
| Sample ID: <b>MB-2</b> | Sampling Site: NA      | Collected: 07/24/2017 |
| Lab ID: 1723680031     | Media: PUF Tube        | Received: 08/24/2017  |
| Matrix: Air            | Sampling Parameter: NA |                       |

### Analysis Method - EPA TO-10A, PCBs

| Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A<br>Batch: ENVX/25445 (HBN: 197665)<br>Prepared: 08/25/2017 | Weight/Volume<br>Initial: 1 filter<br>Final: 10 mL | Analysis: EPA TO-10A, PCBs Air<br>Batch: EGC/7004 (HBN: 197887)<br>Analyzed: 08/25/2017 00:00 | Instrument ID: GCE03<br>Percent Solid: NA<br>Report Basis: Wet |
|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| Analyte                                                                                                   | Result<br>(ug/sample)                              | RL<br>(ug/sample)                                                                             | Dilution                                                       |
| Tetrachloro-m-xylene                                                                                      | <b>0.68</b>                                        | NA                                                                                            | 1                                                              |
| Decachlorobiphenyl                                                                                        | <b>0.76</b>                                        | NA                                                                                            | 1                                                              |
| Aroclor 1260                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1254                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1221                                                                                              | ND                                                 | 0.20                                                                                          | 1                                                              |
| Aroclor 1232                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1248                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1016                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1242                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1268                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1262                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |

|                         |                        |                       |
|-------------------------|------------------------|-----------------------|
| Sample ID: <b>LCS-2</b> | Sampling Site: NA      | Collected: 07/24/2017 |
| Lab ID: 1723680032      | Media: PUF Tube        | Received: 08/24/2017  |
| Matrix: Air             | Sampling Parameter: NA |                       |

### Analysis Method - EPA TO-10A, PCBs

| Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A<br>Batch: ENVX/25445 (HBN: 197665)<br>Prepared: 08/25/2017 | Weight/Volume<br>Initial: 1 filter<br>Final: 10 mL | Analysis: EPA TO-10A, PCBs Air<br>Batch: EGC/7004 (HBN: 197887)<br>Analyzed: 08/25/2017 00:00 | Instrument ID: GCE03<br>Percent Solid: NA<br>Report Basis: Wet |
|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| Analyte                                                                                                   | Result<br>(ug/sample)                              | RL<br>(ug/sample)                                                                             | Dilution                                                       |
| Tetrachloro-m-xylene                                                                                      | <b>0.74</b>                                        | NA                                                                                            | 1                                                              |
| Decachlorobiphenyl                                                                                        | <b>0.80</b>                                        | NA                                                                                            | 1                                                              |
| Aroclor 1260                                                                                              | <b>4.3</b>                                         | 0.10                                                                                          | 1                                                              |
| Aroclor 1254                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1221                                                                                              | ND                                                 | 0.20                                                                                          | 1                                                              |
| Aroclor 1232                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1248                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1016                                                                                              | <b>3.9</b>                                         | 0.10                                                                                          | 1                                                              |
| Aroclor 1242                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1268                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1262                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |



# ANALYTICAL REPORT

Workorder: **34-1723680**

Client: Fulcrum Environmental Consulting

Project Manager: Paul E. Pope

## Analytical Results

|                          |                        |                       |
|--------------------------|------------------------|-----------------------|
| Sample ID: <b>LCSD-2</b> | Sampling Site: NA      | Collected: 07/24/2017 |
| Lab ID: 1723680033       | Media: PUF Tube        | Received: 08/24/2017  |
| Matrix: Air              | Sampling Parameter: NA |                       |

### Analysis Method - EPA TO-10A, PCBs

|                                                                                                           |                                                    |                                                                                               |                                                                |
|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A<br>Batch: ENVX/25445 (HBN: 197665)<br>Prepared: 08/25/2017 | Weight/Volume<br>Initial: 1 filter<br>Final: 10 mL | Analysis: EPA TO-10A, PCBs Air<br>Batch: EGC/7004 (HBN: 197887)<br>Analyzed: 08/25/2017 00:00 | Instrument ID: GCE03<br>Percent Solid: NA<br>Report Basis: Wet |
|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------|

| Analyte              | Result<br>(ug/sample) | RL<br>(ug/sample) | Dilution | Qual |
|----------------------|-----------------------|-------------------|----------|------|
| Tetrachloro-m-xylene | <b>0.76</b>           | NA                | 1        |      |
| Decachlorobiphenyl   | <b>0.83</b>           | NA                | 1        |      |
| Aroclor 1260         | <b>4.6</b>            | 0.10              | 1        |      |
| Aroclor 1254         | ND                    | 0.10              | 1        |      |
| Aroclor 1221         | ND                    | 0.20              | 1        |      |
| Aroclor 1232         | ND                    | 0.10              | 1        |      |
| Aroclor 1248         | ND                    | 0.10              | 1        |      |
| Aroclor 1016         | <b>4.1</b>            | 0.10              | 1        |      |
| Aroclor 1242         | ND                    | 0.10              | 1        |      |
| Aroclor 1268         | ND                    | 0.10              | 1        |      |
| Aroclor 1262         | ND                    | 0.10              | 1        |      |

### Report Authorization (/S/ is an electronic signature that complies with 21 CFR Part 11)

| Method           | Analyst                                  | Peer Review                          |
|------------------|------------------------------------------|--------------------------------------|
| EPA TO-10A, PCBs | /S/ Steven J. Sagers<br>08/29/2017 13:06 | /S/ Lyle Edwards<br>08/30/2017 09:29 |

### Laboratory Contact Information

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## ANALYTICAL REPORT

Workorder: **34-1723680**

Client: Fulcrum Environmental Consulting

Project Manager: Paul E. Pope

### General Lab Comments

The results provided in this report relate only to the items tested.

Samples were received in acceptable condition unless otherwise noted.

Samples have not been blank corrected unless otherwise noted.

This test report shall not be reproduced, except in full, without written approval of ALS.

ALS provides professional analytical services for all samples submitted. ALS is not in a position to interpret the data and assumes no responsibility for the quality of the samples submitted.

All quality control samples processed with the samples in this report yielded acceptable results unless otherwise noted.

ALS is accredited for specific fields of testing (scopes) in the following testing sectors. The quality system implemented at ALS conforms to accreditation requirements and is applied to all analytical testing performed by ALS. The following table lists testing sector, accreditation body, accreditation number and website. Please contact these accrediting bodies or your ALS project manager for the current scope of accreditation that applies to your analytical testing.

| Testing Sector         | Accreditation Body (Standard)          | Certificate Number | Website                                                                                                                           |
|------------------------|----------------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Environmental          | ANAB (DoD ELAP)                        | ADE-1420           | <a href="http://www.anab.org/accredited-organizations/">http://www.anab.org/accredited-organizations/</a>                         |
|                        | Utah (NELAC)                           | DATA1              | <a href="http://health.utah.gov/lab/labimp/">http://health.utah.gov/lab/labimp/</a>                                               |
|                        | Nevada                                 | UT00009            | <a href="http://ndep.nv.gov/bsdw/labservice.htm">http://ndep.nv.gov/bsdw/labservice.htm</a>                                       |
|                        | Oklahoma                               | UT00009            | <a href="http://www.deq.state.ok.us/CSDnew/">http://www.deq.state.ok.us/CSDnew/</a>                                               |
|                        | Iowa                                   | IA# 376            | <a href="http://www.iowadnr.gov/InsideDNR/RegulatoryWater.aspx">http://www.iowadnr.gov/InsideDNR/RegulatoryWater.aspx</a>         |
|                        | Texas (TNI)                            | T104704456-11-1    | <a href="http://www.tceq.texas.gov/field/qa/lab_accred_certif.html">http://www.tceq.texas.gov/field/qa/lab_accred_certif.html</a> |
|                        | Washington                             | C596-16            | <a href="http://www.ecy.wa.gov/programs/eap/labs/index.html">http://www.ecy.wa.gov/programs/eap/labs/index.html</a>               |
|                        | Kansas                                 | E-10416            | <a href="http://www.kdheks.gov/lipo/index.html">http://www.kdheks.gov/lipo/index.html</a>                                         |
| Industrial Hygiene     | AIHA LAP LLC (ISO 17025 & IHLAP/ELLAP) | 101574             | <a href="http://www.aihaaccreditedlabs.org">http://www.aihaaccreditedlabs.org</a>                                                 |
|                        | Washington                             | C596-16            | <a href="http://www.ecy.wa.gov/programs/eap/labs/index.html">http://www.ecy.wa.gov/programs/eap/labs/index.html</a>               |
| Lead Testing:          |                                        |                    |                                                                                                                                   |
| CPSC                   | ANAB (ISO 17025, CPSC)                 | ADE-1420           | <a href="http://www.anab.org/accredited-organizations/">http://www.anab.org/accredited-organizations/</a>                         |
| Soil, Dust, Paint ,Air | AIHA LAP LLC (ISO 17025 & IHLAP/ELLAP) | 101574             | <a href="http://www.aihaaccreditedlabs.org">http://www.aihaaccreditedlabs.org</a>                                                 |
| Dietary Supplements    | ACCLASS (ISO 17025)                    | ADE-1420           | <a href="http://www.aclasscorp.com">http://www.aclasscorp.com</a>                                                                 |



## ANALYTICAL REPORT

Workorder: **34-1723680**

Client: Fulcrum Environmental Consulting

Project Manager: Paul E. Pope

### Result Symbol Definitions

MDL = Method Detection Limit, a statistical estimate of method/media/instrument sensitivity.

RL = Reporting Limit, a verified value of method/media/instrument sensitivity.

CRDL = Contract Required Detection Limit

Reg. Limit = Regulatory Limit.

ND = Not Detected, testing result not detected above the MDL or RL.

< This testing result is less than the numerical value.

\*\* No result could be reported, see sample comments for details.

### Qualifier Symbol Definitions

U = Qualifier indicates that the analyte was not detected above the MDL.

J = Qualifier Indicates that the analyte value is between the MDL and the RL. It is also used to indicate an estimated value for tentatively identified compounds in mass spectrometry where a 1:1 response is assumed.

B = Qualifier indicates that the analyte was detected in the blank.

E = Qualifier indicates that the analyte result exceeds calibration range.

P = Qualifier indicates that the RPD between the two columns is greater than 40%.

1848511

P1703612



1723680

ALS : Environmental  
 4388 Glendale Milford Rd.  
 Cincinnati, Ohio 45242  
 Phone: (800) 458-1493 or  
 (513) 733-5336  
 Fax: (513) 733-5347

Page 1 of 2

## ANALYTICAL REQUEST FORM

23707

 REGULAR Status RUSH Status Required - ADDITIONAL CHARGE

RESULTS REQUIRED BY \_\_\_\_\_

DATE

CONTACT ALS LABORATORY GROUP PRIOR TO SENDING SAMPLES

Date \_\_\_\_\_ Purchase Order No. \_\_\_\_\_

Quote No. \_\_\_\_\_

Company Name Fulcrum EnvironmentalSampling Site Sky Valley Education CenterAddress 406 N 2nd StDate/Time of Collection 7/24/17City Yakima State WA Zip 98901Project No. 172070.02Send Report To Ryan Mathews

Billing Address (if different) \_\_\_\_\_

Email Address Rmathews@efulcrum.netTelephone (509) 574-0839

Alt. Contact Name \_\_\_\_\_

Alt. Contact Info \_\_\_\_\_

| Lab Test<br>List | Client Sample<br>Number | Media<br>Type | Sample Volume (Y)<br>Sample Time (min) | ANALYSES REQUESTED - Use Method Number if Known |
|------------------|-------------------------|---------------|----------------------------------------|-------------------------------------------------|
| 1                | 72417-P00-RM01          | Tub, Ratt     | 2100 / 420                             | TO-10a P1703612 - 001                           |
| 2                | 72417-P01-RM02          |               |                                        | 002                                             |
| 3                | 72417-P02-RM03          |               |                                        | 003                                             |
| 4                | 72417-P03-RM04          |               |                                        | 004                                             |
| 5                | 72417-P04-RM05          |               |                                        | 005                                             |
| 6                | 72417-P05-RM06          |               |                                        | 006                                             |
| 7                | 72417-P06-RM07          |               |                                        | 007                                             |
| 8                | 72417-P07-RM08          |               |                                        | 008                                             |
| 9                | 72417-P08-RM09          |               |                                        | 009                                             |
| 10               | 72417-P09-RM10          |               |                                        | 010                                             |
| 11               | 72417-P10-RM11          |               |                                        | 011                                             |
| 12               | 72417-P11-RM12          |               |                                        | 012                                             |
| 13               | 72417-P12-RM13          |               |                                        | 013                                             |
| 14               | 72417-P13-RM14          |               |                                        | 014                                             |
| 15               | 72417-P14-RM15          |               |                                        | 015                                             |
| 16               | 72417-P15-RM16          | ↓             | ↓                                      | 016                                             |

Failure to complete all portions of this form may delay analysis. Please fill in this form LEGIBLY.

## CHAIN OF CUSTODY

|                                 |                      |                            |                             |                   |                               |
|---------------------------------|----------------------|----------------------------|-----------------------------|-------------------|-------------------------------|
| Relinquished by:<br>(Signature) | <u>Nathan Boston</u> | Date / Time<br>7/26/17 9AM | Received by:<br>(Signature) | <u>M. Schmitt</u> | Date / Time<br>08/24/17 09:30 |
| Relinquished by:<br>(Signature) | <u>Nathan Boston</u> | Date / Time<br>7/26/17 9AM | Received by:<br>(Signature) | <u>J. Y.</u>      | Date / Time<br>7/27/17 0930   |

8-23-17 1036

C-082

P1703612



ALS : Environmental  
4388 Glendale Milford Rd.  
Cincinnati, Ohio 45242  
Phone: (800) 458-1493 or  
(513) 733-5336  
Fax: (513) 733-5347

Page 2 of 2

## ANALYTICAL REQUEST FORM

REGULAR Status

23707

RUSH Status Required - ADDITIONAL CHARGE

RESULTS REQUIRED BY \_\_\_\_\_

DATE

CONTACT ALS LABORATORY GROUP PRIOR TO SENDING SAMPLES

Date \_\_\_\_\_ Purchase Order No. \_\_\_\_\_

Company Name Fulcrum Environmental

Address 406 N 2nd St

Yakima WA 98901

City Ryan Mathews State WA Zip 98901

Send Report To \_\_\_\_\_

Email Address Rmatthews@fulcrum.net

Telephone (509) 509-574-0839

Alt. Contact Name \_\_\_\_\_

Alt. Contact Info \_\_\_\_\_

Quote No. \_\_\_\_\_

Sampling Site Sky Valley Education Center

Date/Time of Collection 7/24/17, 00z

Project No. 172070-02

Billing Address (if different)

| Lab Use Only | Client Sample Number | Media Type | Sample Volume (L)<br>Sample Time (min) | ANALYSES REQUESTED - Use Method Number if Known |
|--------------|----------------------|------------|----------------------------------------|-------------------------------------------------|
| 17           | 72417-POD-RM17       | Tub, Pmt   | 2100/420                               | T0-10a, P1703612-017                            |
| 18           | 72417-POD-RM18       |            |                                        | 018                                             |
| 19           | 72417-POD-RM19       |            |                                        | 019                                             |
| 20           | 72417-POD-RM20       |            |                                        | 020                                             |
| 21           | 72417-POD-Ncenter    |            |                                        | 021                                             |
| 22           | 72417-POD-Ecenter    |            |                                        | 022                                             |
| 23           | 72417-POD-Scenter    |            |                                        | 023                                             |
| 24           | 72417-POD-Library    |            |                                        | 024                                             |
| 25           | 72417-ADM-Nurse      |            | ↓                                      | 025                                             |
| 26           | 72417-Field Blank    |            |                                        | 026                                             |
| 27           | 72417 LAB Blank      | ↓          |                                        | 027                                             |
|              |                      |            |                                        | Recover Samples not on COL - MB-1               |
|              |                      |            |                                        | LCS-1                                           |
|              |                      |            |                                        | LCS-1                                           |
|              |                      |            |                                        | MB-2                                            |
|              |                      |            |                                        | LCS-2                                           |

Failure to complete all portions of this form may delay analysis. Please fill in this form LEGIBLY.

### CHAIN OF CUSTODY

|                                 |              |                             |                |
|---------------------------------|--------------|-----------------------------|----------------|
| Relinquished by:<br>(Signature) | Date / Time  | Received by:<br>(Signature) | Date / Time    |
| Relinquished by:<br>(Signature) | X-23-17 1530 | Received by:<br>(Signature) | 08/24/17 10:30 |

## ALS - SALT LAKE CITY-RELATED INFORMATION REPORT (CRIR)

## COOLER OR CONTAINER INFORMATION CHECKLIST (Fill In or Circle)

|                                                      |                       |                                                                           |                        |                           |                   |                        |                        |              |
|------------------------------------------------------|-----------------------|---------------------------------------------------------------------------|------------------------|---------------------------|-------------------|------------------------|------------------------|--------------|
| Client Name: <u>Fulcrum Environ</u>                  |                       | Project/Task/Site: <u>17-NAO</u>                                          |                        |                           |                   |                        |                        |              |
| Date/Time of Receipt: <u>08/24/2017</u>              |                       | Number of Coolers Received: <u>1</u>                                      |                        |                           |                   |                        |                        |              |
| Condition of Coolers: <u>Acceptable/Unacceptable</u> |                       | Temperature Control: <u>Present/Not Included</u>                          |                        |                           |                   |                        |                        |              |
| Cooler Custody Seals: <u>Present/Absent/NA</u>       |                       | Location Temp Taken: <u>Control/Between Samples</u>                       |                        |                           |                   |                        |                        |              |
| Container Custody Seals: <u>Intact/Broken/NA</u>     |                       | Are all temperatures within project specific guidelines? <u>Yes/No/NA</u> |                        |                           |                   |                        |                        |              |
| Ice Present: <u>Yes/No/NA</u>                        |                       | VOA Headspace Present? <u>Yes/No/NA</u>                                   |                        |                           |                   |                        |                        |              |
| Frozen/Melted/NA                                     |                       |                                                                           |                        |                           |                   |                        |                        |              |
| pH Check Performed:                                  | Metals                | Yes/No/NA                                                                 | Total Phenolics        | Yes/No/NA                 | NO3/NO2           | Yes/No/NA              |                        |              |
|                                                      | Cyanide               | Yes/No/NA                                                                 | TPH - 418.1            | Yes/No/NA                 | Oil & Grease      | Yes/No/NA              |                        |              |
|                                                      | Sulfide               | Yes/No/NA                                                                 | COD                    | Yes/No/NA                 | Total Phosphorous | Yes/No/NA              |                        |              |
|                                                      | Ammonia               | Yes/No/NA                                                                 | TKN                    | Yes/No/NA                 | TOC Preserved     | Yes/No/NA              |                        |              |
| <u>Cooler Received</u>                               | <u>ALS Cooler No.</u> | <u>Temp.</u>                                                              | <u>Cooler Received</u> | <u>ALS Cooler No.</u>     | <u>Temp.</u>      | <u>Cooler Received</u> | <u>ALSL Cooler No.</u> | <u>Temp.</u> |
| 1                                                    | C17- <u>7591</u>      | <u>14</u> °C                                                              | 4                      | C17-                      | °C                | 7                      | C17-                   | °C           |
| 2                                                    | C17-                  | °C                                                                        | 5                      | C17-                      | °C                | 8                      | C17-                   | °C           |
| 3                                                    | C17-                  | °C                                                                        | 6                      | C17-                      | °C                | 9                      | C17-                   | °C           |
| Taken By: <u>M.Schmid</u><br>Signature               |                       | <u>Martenne Schmid</u><br>Printed Name                                    |                        | <u>08/24/2017</u><br>Date |                   |                        |                        |              |

## CLIENT-RELATED INFORMATION

- |                                                          |                                                           |                                                    |                                                     |
|----------------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------|
| <input type="checkbox"/> Missing Cooler                  | <input type="checkbox"/> Missing Samples/Bottles          | <input type="checkbox"/> Incorrect Preservation    | <input type="checkbox"/> Insufficient Sample Volume |
| <input type="checkbox"/> Cooler Conditions               | <input type="checkbox"/> Broken/Leaking Samples           | <input type="checkbox"/> pH Criteria Not Met       | <input type="checkbox"/> Chain of Custody Problems  |
| <input type="checkbox"/> Missing Paperwork               | <input type="checkbox"/> Incorrect Bottle Type            | <input type="checkbox"/> Residual Chlorine Present | <input type="checkbox"/> Other:                     |
| <input type="checkbox"/> Missing/Incorrect Bottle Labels | <input type="checkbox"/> Cooler Temperatures Out of Range | <input type="checkbox"/> Head Space in Bottles     |                                                     |

BRIEFLY DESCRIBE THE PROBLEM AND THE ACTION TAKEN:

E-mailed to Client? YES  NO 

Response Required Within 24 Hours

## PROJECT MANAGEMENT

## PROJECT MANAGER COMMENTS:

ALS Project Manager: \_\_\_\_\_ Returned to Sample Receipt by: \_\_\_\_\_ Date: \_\_\_\_\_  
 Printed Name \_\_\_\_\_ Signature \_\_\_\_\_ Date \_\_\_\_\_

**ALS Environmental**  
**TO-4A/TO-10A SAMPLE EXTRACTION LOG**

**DATE : 7 / 31 / 2017**

**ANALYSIS : TO-4A/TO-10A**

**EXTRACTION METHOD: Soxhlet**

**Batch Type:**  Sample Extraction     Cleaning/Certification  
**Cleaning/Certification Matrix:**  XAD-2®     PUF     PUF/XAD-2®/Filter  
**Filter Lot #:** \_\_\_\_\_    **Cartridge Volume:**  High     Low  
**Surrogate Spike - Conc.:** 20 ug/mL; ID: S28-06021701  
**LCS - Conc.:** 100/20 ug/mL; ID: S28-06021702

**Solvent:**  90%/10% n-Hexane/Ether     MeCl<sub>2</sub>     Acetone  
**Solvent ID:** S10-07241702    **Lot#:** Hexane/Ether Lot#: DP749  
**Solvent ID:** S03    **Lot#:** 04    **Lot#:** DP749  
**Solvent ID:** S04    **Lot#:** 04    **Lot#:** DP749  
**Cleanup Performed:**  Y     Solvent Exchange:  Y  
**N<sub>2</sub> Flow:** 7.5 psig    **Concentrator Temperature:** 60°

| <b>Pos.</b> | <b>Laboratory Identification</b> | <b>Client ID</b> | <b>Cartridge Identification</b> | <b>Spike (uL) - Surrogates</b> | <b>Spike (uL) - LCS/MS</b> | <b>Final Vol. (mL)</b> | <b>Comments</b> |
|-------------|----------------------------------|------------------|---------------------------------|--------------------------------|----------------------------|------------------------|-----------------|
| 1           | MB-1                             | -                | MB                              | 50                             | 10                         | <u>S10-07241702</u>    |                 |
| 2           | LCS-1                            | -                | LCS                             | 50                             | 10                         | <u>S10-07241702</u>    |                 |
| 3           | LCSD-1                           | -                | LCSD                            | 50                             | 10                         | <u>S10-07241702</u>    |                 |
| 4           | P1703612-001                     | -72417-Ped-RM01  | No ID's                         |                                |                            |                        |                 |
| 5           | -002                             | -02              |                                 |                                |                            |                        |                 |
| 6           | -003                             | -03              |                                 |                                |                            |                        |                 |
| 7           | -004                             | -04              |                                 |                                |                            |                        |                 |
| 8           | -005                             | -05              |                                 |                                |                            |                        |                 |
| 9           | -006                             | -06              |                                 |                                |                            |                        |                 |
| 10          | -007                             | -07              |                                 |                                |                            |                        |                 |
| 11          | -008                             | -08              |                                 |                                |                            |                        |                 |
| 12          | -009                             | -09              |                                 |                                |                            |                        |                 |
| 13          | -010                             | -10              |                                 |                                |                            |                        |                 |
| 14          | -011                             | -11              |                                 |                                |                            |                        |                 |
| 15          | -012                             | -12              |                                 |                                |                            |                        |                 |
| 16          | -013                             | -13              |                                 |                                |                            |                        |                 |

Extraction By: GCG Date: 7/31/17 Start Time: 3:30pm Stop Time: 9:30am Extracts Received By: GA Date: 8/1/17

Log Sheet Approved By: GA Date: 8/1/17

# TO-4A/TO-10A SAMPLE EXTRACTION LOG

DATE : 7 / 31 / 2017

ANALYSIS : TO-4A/TO-10A

**EXTRACTION METHOD: Soxhlet**

Batch Type:  Sample Extraction     Cleaning/Certification  
 Cleaning/Certification Matrix:  XAD-2®  PUF     PUF/XAD-2®/Filter  
 Filter Lot #: \_\_\_\_\_ Cartridge Volume:  High  Low  
 Surrogate Spike - Conc.: 20 ug/mL; ID: S 28 - 06021701  
 LCS - Conc.: 100/10 ug/mL; ID: S 28 - 06021702

Solvent:  90%/10% n-Hexane/Ether     MeCl<sub>2</sub>     Acetone  
 Solvent ID: S 10 - 07311701    Lot#: 000016245 Lot#: DPT49  
 Solvent ID: S 10 - 07311701    Lot#: 02    Lot#: D6608  
 Cleanup Performed: Y  Solvent Exchange: Y   
 N<sub>2</sub> Flow: 1.5  Concentrator Temperature: 60°C

| Pos. | Laboratory Identification       | Client ID       | Cartridge Identification | Spike (uL) - Surrogates | Spike (uL) - LCS / MS | Final Vol. (mL) | Comments       |
|------|---------------------------------|-----------------|--------------------------|-------------------------|-----------------------|-----------------|----------------|
| 17   | P170362 - 014 - 72417-P0D-RM14  | No ID's         |                          | 50                      |                       | 10              | 510 - 07311704 |
| 18   | -015 -                          | 15              |                          |                         |                       |                 |                |
| 19   | -016 -                          | 16              |                          |                         |                       |                 |                |
| 20   | -017 -                          | 17              |                          |                         |                       |                 |                |
| 21   | -018 -                          | 18              |                          |                         |                       |                 |                |
| 22   | -019 -                          | 19              |                          |                         |                       |                 |                |
| 23   | ↓ -020 -                        | 20              | ↓                        |                         |                       |                 |                |
| 24   | MB - 2 -                        | MB              |                          |                         |                       |                 |                |
| 25   | LCS - 2 -                       | LCS             |                          |                         |                       |                 |                |
| 26   | LCSD-2 -                        | LCSD            |                          |                         |                       |                 |                |
| 27   | P1703612-021 - 72417-P0D-N CenC | No ID's         |                          |                         |                       |                 |                |
| 28   | -022 -                          | 6               |                          |                         |                       |                 |                |
| 29   | -023 -                          | 5               | ↓                        |                         |                       |                 |                |
| 30   | -024 -                          | ↓ Library       |                          |                         |                       |                 |                |
| 31   | -025 -                          | 72417-ADM-Nurse |                          |                         |                       |                 |                |
| 32   | -026 -                          | Field Blank     |                          |                         |                       |                 |                |
| 33)  | ↓ -027 -                        | LAB Blank       | ↓                        | ↓                       | ↓                     | ↓               |                |

Extraction By: GDN Date: 7/31/17 Start Time: 3:30pm Stop Time: 9:30am Extracts Received By: EA Date: 8/1/17

Log Sheet Approved By: EA Date: 8/1/17

**ALS Environmental**  
**TO-4A/TO-10A SAMPLE EXTRACTION LOG**

**DATE :** 8 / 1 / 2011

**ANALYSIS :** TO-4A/TO-10A

**EXTRACTION METHOD:** Soxhlet

**Batch Type:** X Sample Extraction        Cleaning/Certification  
**Cleaning/Certification Matrix:** X XAD-2®      X PUF        PUF/XAD-2®/Filter  
**Filter Lot #:** \_\_\_\_\_      **Cartridge Volume:**   High      X Low  
**Surrogate Spike - Conc.:** 20 ug/mL; ID: S28-06021701  
**LCS - Conc.:** 100/20 ug/mL; ID: S28-06021702

**Solvent:** X 90%/10% n-Hexane/Ether        MeCl<sub>2</sub>        Acetone  
**Solvent ID:** S10-07311702      **Lot#:** 0000162495      **Lot#:** DR608  
**Solvent ID:** S03      **Lot#:**        **Lot#:**    
**Solvent ID:** S04      **Lot#:**        **Lot#:**    
**Cleanup Performed:** Y/N      **Solvent Exchange:** Y/N  
**N<sub>2</sub> Flow:** 1.5 sps      **Concentrator Temperature:** 60°C

| <b>Pos.</b> | <b>Laboratory Identification</b> | <b>Client ID</b>    | <b>Cartridge Identification</b> | <b>Spike (uL) - Surrogates</b> | <b>Spike (uL) - LCS / MS</b> | <b>Final Vol. (mL)</b> | <b>Comments</b> |
|-------------|----------------------------------|---------------------|---------------------------------|--------------------------------|------------------------------|------------------------|-----------------|
| 1           | MB-1                             |                     | MB                              | 50                             | 10                           | S10-07311702           |                 |
| 2           | LCS-1                            | -                   | LCS                             | 50                             | 10                           |                        |                 |
| 3           | LCSD-1                           | -                   | LCSD                            |                                | 10                           |                        |                 |
| 4           | P1703614-001                     | - 72517-ADM-SE offc | No TDS                          |                                |                              |                        |                 |
| 5           | - 002                            | -                   | 5                               |                                |                              |                        |                 |
| 6           | - 003                            | -                   | SW                              |                                |                              |                        |                 |
| 7           | - 004                            | -                   | W                               |                                |                              |                        |                 |
| 8           | - 005                            | ▷                   | NW ▷                            |                                |                              |                        |                 |
| 9           | - 006                            | - 72517-ADM-Center  |                                 |                                |                              |                        |                 |
| 10          | - 007                            | -                   | Conference                      |                                |                              |                        |                 |
| 11          | - 008                            | -                   | Staff Rm                        |                                |                              |                        |                 |
| 12          | - 009                            | ▷                   | 2517-GYM-Gathering Place        |                                |                              |                        |                 |
| 13          | - 010                            | -                   | 2517-GYM-CF                     |                                |                              |                        |                 |
| 14          | - 011                            | -                   | 2517-GYM-Girls                  |                                |                              |                        |                 |
| 15          | - 012                            | -                   | 2517-GYM-Girls                  |                                |                              |                        |                 |
| 16          | ▷                                | - 013               | 2517-GYM-Small Gym              | ▷                              | ▷                            |                        |                 |

Extraction By: GGA Date: 8/1/11 Start Time: 3:30pm Stop Time: 9:30am Extracts Received By: 2W Date: 8/23/11

Log Sheet Approved By: \_\_\_\_\_ Date: \_\_\_\_\_

**TO-4A/TO-10A SAMPLE EXTRACTION LOG**

---

DATE: 8 / 1 / 2017

## ANALYSIS : TO-4A / TO-10A

### **EXTRACTION METHOD: Soxhlet**

Batch Type:  Sample Extraction  Cleaning/Certification  
Cleaning/Certification Matrix:  XAD-2®  PUF  PUF/XAD-2®/Filter  
Filter Lot #: \_\_\_\_\_ Cartridge Volume:  High  Low  
Surrogate Spike – Conc.:  20 ug/mL; ID: S28-06021701  
LCS – Conc.:  100/20 ug/mL; ID: S28-06021702

**Solvent:** 90%/10% n-Hexane/Ether      MeCl<sub>2</sub>      Acetone  
**Solvent ID:** S10-08011701      Lot#: 080117315U      Lot#: D4719  
**Solvent ID:** S      02      Lot#:         Lot#:     
**Solvent ID:** S      03      Lot#:         Lot#:     
**Cleanup Performed:** Y / (N)      **Solvent Exchange:** Y / (N)  
**N<sub>2</sub> Flow:** 1.5psi      **Concentrator Temperature:** 60°C

| Pos.           | Laboratory Identification | Client ID | Cartridge Identification | Spike (uL) - Surrogates | Spike (uL) - LCS / MS. | Final Vol. (mL) | Comments |
|----------------|---------------------------|-----------|--------------------------|-------------------------|------------------------|-----------------|----------|
| P1703614-014 - | 72517-GYM - Electrical    | No T1's   | 50                       | 10                      | 510 - 08011701         |                 |          |
| 015 -          | 72517-ANX - Rm B          |           |                          |                         |                        |                 |          |
| 016 -          | 72517-RNA                 |           |                          |                         |                        |                 |          |
| 017 -          | Hallway - ANX - East      |           |                          |                         |                        |                 |          |
| 018 -          | 72517-ANX - Bons          |           |                          |                         |                        |                 |          |
| 019 -          | 72517-ANX - Rmc           |           |                          |                         |                        |                 |          |
| 020 -          | RmD                       |           |                          |                         |                        |                 |          |
| MB - 2 -       | MB                        |           |                          |                         |                        |                 |          |
| LCS - 2 -      | LCS                       |           |                          |                         |                        |                 |          |
| LCS - 2 -      | LCS                       |           |                          |                         |                        |                 |          |
| P1703614-021 - | 72517-ANX - Rme           | No T1's   | 50                       | 510 - 08011702          |                        |                 |          |
| - 022 -        | 72517-ANX - Rme           |           |                          |                         |                        |                 |          |
| - 023 -        | 72517-ANX - Rm F          |           |                          |                         |                        |                 |          |
| - 024 -        | 72517-ANX - Hallway       |           |                          |                         |                        |                 |          |
| - 025 -        | 72517-ANX - Rm B          |           |                          |                         |                        |                 |          |
| - 026 -        | Office supplies           |           |                          |                         |                        |                 |          |
|                | 72517-Field Blank         |           |                          |                         |                        |                 |          |

Extraction By: G6

Date:

卷之三

Start Time: 3

30m Stop

Time: 9:3

Dawn Extra

### Books Received

By: \_\_\_\_\_  
2

10

Date: 8/12

23/11

S28-06021701 20ug/ml pesticide surrogate spike std.  
 500 mL of S28-0321701 (200 ug/ml, pesticide surrogate, Restek, Lot# A0125020  
 Exp: 5/2023) made to 5 ml final Volume in Hexane (Batch: 143369)  
 Exp: 12/2/17 2W

S28-06021702 100 ug/ml Aroclor 1016-1260 + 20 ug/ml SG LCS/LCSB spike.  
 500 mL of S28-12121405C (1000 ug/ml, Aroclor 1016, supelco, lot#: LC06403, x 2/23)  
 500 mL of S28-12121407C (1000 ug/ml, Aroclor 1260, supelco, lot#: LC09267, x 7/24)  
 500 mL of S28-0321701 (200 ug/ml, pesticide surrogate, Restek, lot#: A0125020, x 5/23)  
 made to 5 ml final volume in Hexane (Batch: 143369)  
 Exp: 12/2/17 2W

S28-06061701 10ug/ml Amine CCV std  
 500 mL of S28-02091707 made to 5 ml final volume in  
 0.01N NaOH/MeOH w/IS.  
 Exp: 8/9/17 2W

S28-06061702 0.5 ug/ml Amine MRL check Std.  
 50 mL of S28-06061701 made to 1ml final volume in  
 0.01N NaOH/MeOH w/IS.  
 Exp: 8/9/17 2W

|                                    |                     |               |        |            |         |               |           |         |  |
|------------------------------------|---------------------|---------------|--------|------------|---------|---------------|-----------|---------|--|
| H2S Stock<br>Compound<br>Na2S.9H2O | <u>S28-06071701</u> | 1328.6 ugS/ml | M. Wt. | S Fraction | Used mg | Final Vol(ml) | H2S ug/ml | ugS/ml  |  |
|                                    |                     |               | 240.18 | 0.1335     | 99.50   | 10.0          | 1412.2    | 1328.57 |  |
| Exp: 1/16/18 2W                    |                     |               |        |            |         |               |           |         |  |
| H2S Stock<br>Compound<br>Na2S.9H2O | <u>S28-06071702</u> | 1249.8 ugS/ml | M. Wt. | S Fraction | Used mg | Final Vol(ml) | H2S ug/ml | ugS/ml  |  |
|                                    |                     |               | 240.18 | 0.1335     | 93.60   | 10.0          | 1328.4    | 1249.79 |  |
| Exp: 1/16/18 2W                    |                     |               |        |            |         |               |           |         |  |

S28-06081701 25 ug/ml 58 working std. CCV  
 1.0mL of S28-04061702 made to 10mL final volume  
 in Toluene w/IS (S28-05081701)  
 Exp. 10/6/17 ③



## ANALYTICAL REPORT

Report Date: August 30, 2017

Ryan Mathews  
Fulcrum Environmental  
406 North 2nd Street  
Yakima, WA 98901

Phone: 509-574-0839  
E-mail: rmathews@efulcrum.net

Workorder: **34-1723682**

Project ID: Sky Valley Education Ctr 72517  
Purchase Order: 172070.02  
Project Manager Paul E. Pope

| Client Sample ID               | Lab ID     | Collect Date | Receive Date | Sampling Site        |
|--------------------------------|------------|--------------|--------------|----------------------|
| 72517-ADM-SEOffice             | 1723682001 | 07/25/17     | 08/24/17     | Sky Valley Education |
| 72517-ADM-SOffice              | 1723682002 | 07/25/17     | 08/24/17     | Sky Valley Education |
| 72517-ADM-SWOffice             | 1723682003 | 07/25/17     | 08/24/17     | Sky Valley Education |
| 72517-ADM-WOffice              | 1723682004 | 07/25/17     | 08/24/17     | Sky Valley Education |
| 72517-ADM-NWOffice             | 1723682005 | 07/25/17     | 08/24/17     | Sky Valley Education |
| 72517-ADM-Center               | 1723682006 | 07/25/17     | 08/24/17     | Sky Valley Education |
| 72517-ADM-Conference           | 1723682007 | 07/25/17     | 08/24/17     | Sky Valley Education |
| 72517-ADM-Staff Rm             | 1723682008 | 07/25/17     | 08/24/17     | Sky Valley Education |
| 72517-GYM-Gathering Place      | 1723682009 | 07/25/17     | 08/24/17     | Sky Valley Education |
| 72517-GYM-CTE                  | 1723682010 | 07/25/17     | 08/24/17     | Sky Valley Education |
| 72517-GYM-Girls Locker         | 1723682011 | 07/25/17     | 08/24/17     | Sky Valley Education |
| 72517-GYM-Girls Locker Storage | 1723682012 | 07/25/17     | 08/24/17     | Sky Valley Education |
| 72517-GYM-Small Gym            | 1723682013 | 07/25/17     | 08/24/17     | Sky Valley Education |
| 72517-GYM-Electrical           | 1723682014 | 07/25/17     | 08/24/17     | Sky Valley Education |
| 72517-ANX-RM B                 | 1723682015 | 07/25/17     | 08/24/17     | Sky Valley Education |
| 72517-ANX-RM A                 | 1723682016 | 07/25/17     | 08/24/17     | Sky Valley Education |
| 72517-ANX-East Hallway         | 1723682017 | 07/25/17     | 08/24/17     | Sky Valley Education |
| 72517-ANX-Boys Bathroom        | 1723682018 | 07/25/17     | 08/24/17     | Sky Valley Education |
| 72517-ANX-RMC                  | 1723682019 | 07/25/17     | 08/24/17     | Sky Valley Education |
| 72517-ANX-RMD                  | 1723682020 | 07/25/17     | 08/24/17     | Sky Valley Education |
| 72517-ANX-RME East             | 1723682021 | 07/25/17     | 08/24/17     | Sky Valley Education |
| 72517-ANX-RME West             | 1723682022 | 07/25/17     | 08/24/17     | Sky Valley Education |
| 72517-ANX-RMF                  | 1723682023 | 07/25/17     | 08/24/17     | Sky Valley Education |
| 72517-ANX-Hallway North        | 1723682024 | 07/25/17     | 08/24/17     | Sky Valley Education |
| 72517-ANX-RM B Office Supplies | 1723682025 | 07/25/17     | 08/24/17     | Sky Valley Education |
| 72517-ANX-Field Blank          | 1723682026 | 07/25/17     | 08/24/17     | Sky Valley Education |
| 72517-ANX-Lab Blank            | 1723682027 | 07/25/17     | 08/24/17     | Sky Valley Education |
| MB-1                           | 1723682028 | 07/25/17     | 08/24/17     | Sky Valley Education |
| LCS-1                          | 1723682029 | 07/25/17     | 08/24/17     | Sky Valley Education |
| LCSD-1                         | 1723682030 | 07/25/17     | 08/24/17     | Sky Valley Education |
| MB-2                           | 1723682031 | 07/25/17     | 08/24/17     | Sky Valley Education |

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## ANALYTICAL REPORT

Workorder: **34-1723682**

Project ID: Sky Valley Education Ctr 72517  
Purchase Order: 172070.02  
Project Manager Paul E. Pope

| Client Sample ID | Lab ID     | Collect Date | Receive Date | Sampling Site        |
|------------------|------------|--------------|--------------|----------------------|
| LCS-2            | 1723682032 | 07/25/17     | 08/24/17     | Sky Valley Education |
| LCSD-2           | 1723682033 | 07/25/17     | 08/24/17     | Sky Valley Education |



# ANALYTICAL REPORT

Workorder: **34-1723682**

Client: Fulcrum Environmental Consulting

Project Manager: Paul E. Pope

## Analytical Results

|                                     |                                       |                       |
|-------------------------------------|---------------------------------------|-----------------------|
| Sample ID: <b>72517-ADM-SOffice</b> | Sampling Site: Sky Valley Education   | Collected: 07/25/2017 |
| Lab ID: 1723682001                  | Media: PUF Tube                       | Received: 08/24/2017  |
| Matrix: Air                         | Sampling Parameter: Air Volume 2100 L |                       |

### Analysis Method - EPA TO-10A, PCBs

| Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A<br>Batch: ENVX/25447 (HBN: 197668)<br>Prepared: 08/25/2017 | Weight/Volume<br>Initial: 1 filter<br>Final: 10 mL | Analysis: EPA TO-10A, PCBs Air<br>Batch: EGC/7006 (HBN: 197908)<br>Analyzed: 08/26/2017 00:00 | Instrument ID: GCE03<br>Percent Solid: NA<br>Report Basis: Wet |
|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| Analyte                                                                                                   | Result<br>(ug/sample)                              | RL<br>(ug/sample)                                                                             | Dilution                                                       |
| Tetrachloro-m-xylene                                                                                      | <b>0.69</b>                                        | NA                                                                                            | 1                                                              |
| Decachlorobiphenyl                                                                                        | <b>0.79</b>                                        | NA                                                                                            | 1                                                              |
| Aroclor 1260                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1254                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1221                                                                                              | ND                                                 | 0.20                                                                                          | 1                                                              |
| Aroclor 1232                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1248                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1016                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1242                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1268                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1262                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |

|                                     |                                       |                       |
|-------------------------------------|---------------------------------------|-----------------------|
| Sample ID: <b>72517-ADM-SOffice</b> | Sampling Site: Sky Valley Education   | Collected: 07/25/2017 |
| Lab ID: 1723682002                  | Media: PUF Tube                       | Received: 08/24/2017  |
| Matrix: Air                         | Sampling Parameter: Air Volume 2100 L |                       |

### Analysis Method - EPA TO-10A, PCBs

| Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A<br>Batch: ENVX/25447 (HBN: 197668)<br>Prepared: 08/25/2017 | Weight/Volume<br>Initial: 1 filter<br>Final: 10 mL | Analysis: EPA TO-10A, PCBs Air<br>Batch: EGC/7006 (HBN: 197908)<br>Analyzed: 08/26/2017 00:00 | Instrument ID: GCE03<br>Percent Solid: NA<br>Report Basis: Wet |
|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| Analyte                                                                                                   | Result<br>(ug/sample)                              | RL<br>(ug/sample)                                                                             | Dilution                                                       |
| Tetrachloro-m-xylene                                                                                      | <b>0.66</b>                                        | NA                                                                                            | 1                                                              |
| Decachlorobiphenyl                                                                                        | <b>0.76</b>                                        | NA                                                                                            | 1                                                              |
| Aroclor 1260                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1254                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1221                                                                                              | ND                                                 | 0.20                                                                                          | 1                                                              |
| Aroclor 1232                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1248                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1016                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1242                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1268                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1262                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |



# ANALYTICAL REPORT

Workorder: **34-1723682**

Client: Fulcrum Environmental Consulting

Project Manager: Paul E. Pope

## Analytical Results

|                                      |                                       |                       |
|--------------------------------------|---------------------------------------|-----------------------|
| Sample ID: <b>72517-ADM-SWOffice</b> | Sampling Site: Sky Valley Education   | Collected: 07/25/2017 |
| Lab ID: 1723682003                   | Media: PUF Tube                       | Received: 08/24/2017  |
| Matrix: Air                          | Sampling Parameter: Air Volume 2100 L |                       |

### Analysis Method - EPA TO-10A, PCBs

| Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A<br>Batch: ENVX/25447 (HBN: 197668)<br>Prepared: 08/25/2017 | Weight/Volume<br>Initial: 1 filter<br>Final: 10 mL | Analysis: EPA TO-10A, PCBs Air<br>Batch: EGC/7006 (HBN: 197908)<br>Analyzed: 08/26/2017 00:00 | Instrument ID: GCE03<br>Percent Solid: NA<br>Report Basis: Wet |
|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| Analyte                                                                                                   | Result<br>(ug/sample)                              | RL<br>(ug/sample)                                                                             | Dilution                                                       |
| Tetrachloro-m-xylene                                                                                      | <b>0.66</b>                                        | NA                                                                                            | 1                                                              |
| Decachlorobiphenyl                                                                                        | <b>0.73</b>                                        | NA                                                                                            | 1                                                              |
| Aroclor 1260                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1254                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1221                                                                                              | ND                                                 | 0.20                                                                                          | 1                                                              |
| Aroclor 1232                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1248                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1016                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1242                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1268                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1262                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |

|                                     |                                       |                       |
|-------------------------------------|---------------------------------------|-----------------------|
| Sample ID: <b>72517-ADM-WOffice</b> | Sampling Site: Sky Valley Education   | Collected: 07/25/2017 |
| Lab ID: 1723682004                  | Media: PUF Tube                       | Received: 08/24/2017  |
| Matrix: Air                         | Sampling Parameter: Air Volume 2100 L |                       |

### Analysis Method - EPA TO-10A, PCBs

| Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A<br>Batch: ENVX/25447 (HBN: 197668)<br>Prepared: 08/25/2017 | Weight/Volume<br>Initial: 1 filter<br>Final: 10 mL | Analysis: EPA TO-10A, PCBs Air<br>Batch: EGC/7006 (HBN: 197908)<br>Analyzed: 08/26/2017 00:00 | Instrument ID: GCE03<br>Percent Solid: NA<br>Report Basis: Wet |
|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| Analyte                                                                                                   | Result<br>(ug/sample)                              | RL<br>(ug/sample)                                                                             | Dilution                                                       |
| Tetrachloro-m-xylene                                                                                      | <b>0.64</b>                                        | NA                                                                                            | 1                                                              |
| Decachlorobiphenyl                                                                                        | <b>0.75</b>                                        | NA                                                                                            | 1                                                              |
| Aroclor 1260                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1254                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1221                                                                                              | ND                                                 | 0.20                                                                                          | 1                                                              |
| Aroclor 1232                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1248                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1016                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1242                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1268                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1262                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |



# ANALYTICAL REPORT

Workorder: **34-1723682**

Client: Fulcrum Environmental Consulting

Project Manager: Paul E. Pope

## Analytical Results

|                                      |                                       |                       |
|--------------------------------------|---------------------------------------|-----------------------|
| Sample ID: <b>72517-ADM-NWOffice</b> | Sampling Site: Sky Valley Education   | Collected: 07/25/2017 |
| Lab ID: 1723682005                   | Media: PUF Tube                       | Received: 08/24/2017  |
| Matrix: Air                          | Sampling Parameter: Air Volume 2100 L |                       |

### Analysis Method - EPA TO-10A, PCBs

| Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A<br>Batch: ENVX/25447 (HBN: 197668)<br>Prepared: 08/25/2017 | Weight/Volume<br>Initial: 1 filter<br>Final: 10 mL | Analysis: EPA TO-10A, PCBs Air<br>Batch: EGC/7006 (HBN: 197908)<br>Analyzed: 08/26/2017 00:00 | Instrument ID: GCE03<br>Percent Solid: NA<br>Report Basis: Wet |
|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| Analyte                                                                                                   | Result<br>(ug/sample)                              | RL<br>(ug/sample)                                                                             | Dilution                                                       |
| Tetrachloro-m-xylene                                                                                      | <b>0.62</b>                                        | NA                                                                                            | 1                                                              |
| Decachlorobiphenyl                                                                                        | <b>0.74</b>                                        | NA                                                                                            | 1                                                              |
| Aroclor 1260                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1254                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1221                                                                                              | ND                                                 | 0.20                                                                                          | 1                                                              |
| Aroclor 1232                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1248                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1016                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1242                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1268                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1262                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |

|                                    |                                       |                       |
|------------------------------------|---------------------------------------|-----------------------|
| Sample ID: <b>72517-ADM-Center</b> | Sampling Site: Sky Valley Education   | Collected: 07/25/2017 |
| Lab ID: 1723682006                 | Media: PUF Tube                       | Received: 08/24/2017  |
| Matrix: Air                        | Sampling Parameter: Air Volume 2100 L |                       |

### Analysis Method - EPA TO-10A, PCBs

| Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A<br>Batch: ENVX/25447 (HBN: 197668)<br>Prepared: 08/25/2017 | Weight/Volume<br>Initial: 1 filter<br>Final: 10 mL | Analysis: EPA TO-10A, PCBs Air<br>Batch: EGC/7006 (HBN: 197908)<br>Analyzed: 08/26/2017 00:00 | Instrument ID: GCE03<br>Percent Solid: NA<br>Report Basis: Wet |
|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| Analyte                                                                                                   | Result<br>(ug/sample)                              | RL<br>(ug/sample)                                                                             | Dilution                                                       |
| Tetrachloro-m-xylene                                                                                      | <b>0.68</b>                                        | NA                                                                                            | 1                                                              |
| Decachlorobiphenyl                                                                                        | <b>0.74</b>                                        | NA                                                                                            | 1                                                              |
| Aroclor 1260                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1254                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1221                                                                                              | ND                                                 | 0.20                                                                                          | 1                                                              |
| Aroclor 1232                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1248                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1016                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1242                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1268                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1262                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |



# ANALYTICAL REPORT

Workorder: **34-1723682**

Client: Fulcrum Environmental Consulting

Project Manager: Paul E. Pope

## Analytical Results

|                                        |                                       |                       |
|----------------------------------------|---------------------------------------|-----------------------|
| Sample ID: <b>72517-ADM-Conference</b> | Sampling Site: Sky Valley Education   | Collected: 07/25/2017 |
| Lab ID: 1723682007                     | Media: PUF Tube                       | Received: 08/24/2017  |
| Matrix: Air                            | Sampling Parameter: Air Volume 2100 L |                       |

### Analysis Method - EPA TO-10A, PCBs

| Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A<br>Batch: ENVX/25447 (HBN: 197668)<br>Prepared: 08/25/2017 | Weight/Volume<br>Initial: 1 filter<br>Final: 10 mL | Analysis: EPA TO-10A, PCBs Air<br>Batch: EGC/7006 (HBN: 197908)<br>Analyzed: 08/26/2017 00:00 | Instrument ID: GCE03<br>Percent Solid: NA<br>Report Basis: Wet |
|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| Analyte                                                                                                   | Result<br>(ug/sample)                              | RL<br>(ug/sample)                                                                             | Dilution                                                       |
| Tetrachloro-m-xylene                                                                                      | <b>0.64</b>                                        | NA                                                                                            | 1                                                              |
| Decachlorobiphenyl                                                                                        | <b>0.73</b>                                        | NA                                                                                            | 1                                                              |
| Aroclor 1260                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1254                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1221                                                                                              | ND                                                 | 0.20                                                                                          | 1                                                              |
| Aroclor 1232                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1248                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1016                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1242                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1268                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1262                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |

|                                      |                                       |                       |
|--------------------------------------|---------------------------------------|-----------------------|
| Sample ID: <b>72517-ADM-Staff Rm</b> | Sampling Site: Sky Valley Education   | Collected: 07/25/2017 |
| Lab ID: 1723682008                   | Media: PUF Tube                       | Received: 08/24/2017  |
| Matrix: Air                          | Sampling Parameter: Air Volume 2100 L |                       |

### Analysis Method - EPA TO-10A, PCBs

| Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A<br>Batch: ENVX/25447 (HBN: 197668)<br>Prepared: 08/25/2017 | Weight/Volume<br>Initial: 1 filter<br>Final: 10 mL | Analysis: EPA TO-10A, PCBs Air<br>Batch: EGC/7006 (HBN: 197908)<br>Analyzed: 08/26/2017 00:00 | Instrument ID: GCE03<br>Percent Solid: NA<br>Report Basis: Wet |
|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| Analyte                                                                                                   | Result<br>(ug/sample)                              | RL<br>(ug/sample)                                                                             | Dilution                                                       |
| Tetrachloro-m-xylene                                                                                      | <b>0.62</b>                                        | NA                                                                                            | 1                                                              |
| Decachlorobiphenyl                                                                                        | <b>0.75</b>                                        | NA                                                                                            | 1                                                              |
| Aroclor 1260                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1254                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1221                                                                                              | ND                                                 | 0.20                                                                                          | 1                                                              |
| Aroclor 1232                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1248                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1016                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1242                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1268                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1262                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |



# ANALYTICAL REPORT

Workorder: **34-1723682**

Client: Fulcrum Environmental Consulting

Project Manager: Paul E. Pope

## Analytical Results

|                                             |                                       |                       |
|---------------------------------------------|---------------------------------------|-----------------------|
| Sample ID: <b>72517-GYM-Gathering Place</b> | Sampling Site: Sky Valley Education   | Collected: 07/25/2017 |
| Lab ID: 1723682009                          | Media: PUF Tube                       | Received: 08/24/2017  |
| Matrix: Air                                 | Sampling Parameter: Air Volume 2100 L |                       |

### Analysis Method - EPA TO-10A, PCBs

| Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A<br>Batch: ENVX/25447 (HBN: 197668)<br>Prepared: 08/25/2017 | Weight/Volume<br>Initial: 1 filter<br>Final: 10 mL | Analysis: EPA TO-10A, PCBs Air<br>Batch: EGC/7006 (HBN: 197908)<br>Analyzed: 08/26/2017 00:00 | Instrument ID: GCE03<br>Percent Solid: NA<br>Report Basis: Wet |
|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| Analyte                                                                                                   | Result<br>(ug/sample)                              | RL<br>(ug/sample)                                                                             | Dilution                                                       |
| Tetrachloro-m-xylene                                                                                      | <b>0.65</b>                                        | NA                                                                                            | 1                                                              |
| Decachlorobiphenyl                                                                                        | <b>0.78</b>                                        | NA                                                                                            | 1                                                              |
| Aroclor 1260                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1254                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1221                                                                                              | ND                                                 | 0.20                                                                                          | 1                                                              |
| Aroclor 1232                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1248                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1016                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1242                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1268                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1262                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |

Sample ID: **72517-GYM-CTE**

Sampling Site: Sky Valley Education

Collected: 07/25/2017

Lab ID: 1723682010

Media: PUF Tube

Received: 08/24/2017

Matrix: Air

Sampling Parameter: Air Volume 2100 L

### Analysis Method - EPA TO-10A, PCBs

| Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A<br>Batch: ENVX/25447 (HBN: 197668)<br>Prepared: 08/25/2017 | Weight/Volume<br>Initial: 1 filter<br>Final: 10 mL | Analysis: EPA TO-10A, PCBs Air<br>Batch: EGC/7006 (HBN: 197908)<br>Analyzed: 08/26/2017 00:00 | Instrument ID: GCE03<br>Percent Solid: NA<br>Report Basis: Wet |
|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| Analyte                                                                                                   | Result<br>(ug/sample)                              | RL<br>(ug/sample)                                                                             | Dilution                                                       |
| Tetrachloro-m-xylene                                                                                      | <b>0.69</b>                                        | NA                                                                                            | 1                                                              |
| Decachlorobiphenyl                                                                                        | <b>0.75</b>                                        | NA                                                                                            | 1                                                              |
| Aroclor 1260                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1254                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1221                                                                                              | ND                                                 | 0.20                                                                                          | 1                                                              |
| Aroclor 1232                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1248                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1016                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1242                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1268                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1262                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |



# ANALYTICAL REPORT

Workorder: **34-1723682**

Client: Fulcrum Environmental Consulting

Project Manager: Paul E. Pope

## Analytical Results

|                                          |                                       |                       |
|------------------------------------------|---------------------------------------|-----------------------|
| Sample ID: <b>72517-GYM-Girls Locker</b> | Sampling Site: Sky Valley Education   | Collected: 07/25/2017 |
| Lab ID: 1723682011                       | Media: PUF Tube                       | Received: 08/24/2017  |
| Matrix: Air                              | Sampling Parameter: Air Volume 2100 L |                       |

### Analysis Method - EPA TO-10A, PCBs

| Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A<br>Batch: ENVX/25447 (HBN: 197668)<br>Prepared: 08/25/2017 | Weight/Volume<br>Initial: 1 filter<br>Final: 10 mL | Analysis: EPA TO-10A, PCBs Air<br>Batch: EGC/7006 (HBN: 197908)<br>Analyzed: 08/26/2017 00:00 | Instrument ID: GCE03<br>Percent Solid: NA<br>Report Basis: Wet |
|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| Analyte                                                                                                   | Result<br>(ug/sample)                              | RL<br>(ug/sample)                                                                             | Dilution                                                       |
| Tetrachloro-m-xylene                                                                                      | <b>0.65</b>                                        | NA                                                                                            | 1                                                              |
| Decachlorobiphenyl                                                                                        | <b>0.75</b>                                        | NA                                                                                            | 1                                                              |
| Aroclor 1260                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1254                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1221                                                                                              | ND                                                 | 0.20                                                                                          | 1                                                              |
| Aroclor 1232                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1248                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1016                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1242                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1268                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1262                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |

|                                                  |                                       |                       |
|--------------------------------------------------|---------------------------------------|-----------------------|
| Sample ID: <b>72517-GYM-Girls Locker Storage</b> | Sampling Site: Sky Valley Education   | Collected: 07/25/2017 |
| Lab ID: 1723682012                               | Media: PUF Tube                       | Received: 08/24/2017  |
| Matrix: Air                                      | Sampling Parameter: Air Volume 2100 L |                       |

### Analysis Method - EPA TO-10A, PCBs

| Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A<br>Batch: ENVX/25447 (HBN: 197668)<br>Prepared: 08/25/2017 | Weight/Volume<br>Initial: 1 filter<br>Final: 10 mL | Analysis: EPA TO-10A, PCBs Air<br>Batch: EGC/7006 (HBN: 197908)<br>Analyzed: 08/26/2017 00:00 | Instrument ID: GCE03<br>Percent Solid: NA<br>Report Basis: Wet |
|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| Analyte                                                                                                   | Result<br>(ug/sample)                              | RL<br>(ug/sample)                                                                             | Dilution                                                       |
| Tetrachloro-m-xylene                                                                                      | <b>0.62</b>                                        | NA                                                                                            | 1                                                              |
| Decachlorobiphenyl                                                                                        | <b>0.76</b>                                        | NA                                                                                            | 1                                                              |
| Aroclor 1260                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1254                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1221                                                                                              | ND                                                 | 0.20                                                                                          | 1                                                              |
| Aroclor 1232                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1248                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1016                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1242                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1268                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1262                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |



# ANALYTICAL REPORT

Workorder: **34-1723682**

Client: Fulcrum Environmental Consulting

Project Manager: Paul E. Pope

## Analytical Results

|                                       |                                       |                       |
|---------------------------------------|---------------------------------------|-----------------------|
| Sample ID: <b>72517-GYM-Small Gym</b> | Sampling Site: Sky Valley Education   | Collected: 07/25/2017 |
| Lab ID: 1723682013                    | Media: PUF Tube                       | Received: 08/24/2017  |
| Matrix: Air                           | Sampling Parameter: Air Volume 2100 L |                       |

### Analysis Method - EPA TO-10A, PCBs

| Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A<br>Batch: ENVX/25447 (HBN: 197668)<br>Prepared: 08/25/2017 | Weight/Volume<br>Initial: 1 filter<br>Final: 10 mL | Analysis: EPA TO-10A, PCBs Air<br>Batch: EGC/7006 (HBN: 197908)<br>Analyzed: 08/26/2017 00:00 | Instrument ID: GCE03<br>Percent Solid: NA<br>Report Basis: Wet |
|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| Analyte                                                                                                   | Result<br>(ug/sample)                              | RL<br>(ug/sample)                                                                             | Dilution                                                       |
| Tetrachloro-m-xylene                                                                                      | <b>0.69</b>                                        | NA                                                                                            | 1                                                              |
| Decachlorobiphenyl                                                                                        | <b>0.75</b>                                        | NA                                                                                            | 1                                                              |
| Aroclor 1260                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1254                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1221                                                                                              | ND                                                 | 0.20                                                                                          | 1                                                              |
| Aroclor 1232                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1248                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1016                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1242                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1268                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1262                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |

|                                        |                                       |                       |
|----------------------------------------|---------------------------------------|-----------------------|
| Sample ID: <b>72517-GYM-Electrical</b> | Sampling Site: Sky Valley Education   | Collected: 07/25/2017 |
| Lab ID: 1723682014                     | Media: PUF Tube                       | Received: 08/24/2017  |
| Matrix: Air                            | Sampling Parameter: Air Volume 2100 L |                       |

### Analysis Method - EPA TO-10A, PCBs

| Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A<br>Batch: ENVX/25447 (HBN: 197668)<br>Prepared: 08/25/2017 | Weight/Volume<br>Initial: 1 filter<br>Final: 10 mL | Analysis: EPA TO-10A, PCBs Air<br>Batch: EGC/7006 (HBN: 197908)<br>Analyzed: 08/26/2017 00:00 | Instrument ID: GCE03<br>Percent Solid: NA<br>Report Basis: Wet |
|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| Analyte                                                                                                   | Result<br>(ug/sample)                              | RL<br>(ug/sample)                                                                             | Dilution                                                       |
| Tetrachloro-m-xylene                                                                                      | <b>0.68</b>                                        | NA                                                                                            | 1                                                              |
| Decachlorobiphenyl                                                                                        | <b>0.75</b>                                        | NA                                                                                            | 1                                                              |
| Aroclor 1260                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1254                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1221                                                                                              | ND                                                 | 0.20                                                                                          | 1                                                              |
| Aroclor 1232                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1248                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1016                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1242                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1268                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1262                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |



# ANALYTICAL REPORT

Workorder: **34-1723682**

Client: Fulcrum Environmental Consulting

Project Manager: Paul E. Pope

## Analytical Results

|                                  |                                       |                       |
|----------------------------------|---------------------------------------|-----------------------|
| Sample ID: <b>72517-ANX-RM B</b> | Sampling Site: Sky Valley Education   | Collected: 07/25/2017 |
| Lab ID: 1723682015               | Media: PUF Tube                       | Received: 08/24/2017  |
| Matrix: Air                      | Sampling Parameter: Air Volume 2100 L |                       |

### Analysis Method - EPA TO-10A, PCBs

| Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A<br>Batch: ENVX/25447 (HBN: 197668)<br>Prepared: 08/25/2017 | Weight/Volume<br>Initial: 1 filter<br>Final: 10 mL | Analysis: EPA TO-10A, PCBs Air<br>Batch: EGC/7006 (HBN: 197908)<br>Analyzed: 08/26/2017 00:00 | Instrument ID: GCE03<br>Percent Solid: NA<br>Report Basis: Wet |
|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| Analyte                                                                                                   | Result<br>(ug/sample)                              | RL<br>(ug/sample)                                                                             | Dilution                                                       |
| Tetrachloro-m-xylene                                                                                      | <b>0.68</b>                                        | NA                                                                                            | 1                                                              |
| Decachlorobiphenyl                                                                                        | <b>0.75</b>                                        | NA                                                                                            | 1                                                              |
| Aroclor 1260                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1254                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1221                                                                                              | ND                                                 | 0.20                                                                                          | 1                                                              |
| Aroclor 1232                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1248                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1016                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1242                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1268                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1262                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |

|                                  |                                       |                       |
|----------------------------------|---------------------------------------|-----------------------|
| Sample ID: <b>72517-ANX-RM A</b> | Sampling Site: Sky Valley Education   | Collected: 07/25/2017 |
| Lab ID: 1723682016               | Media: PUF Tube                       | Received: 08/24/2017  |
| Matrix: Air                      | Sampling Parameter: Air Volume 2100 L |                       |

### Analysis Method - EPA TO-10A, PCBs

| Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A<br>Batch: ENVX/25447 (HBN: 197668)<br>Prepared: 08/25/2017 | Weight/Volume<br>Initial: 1 filter<br>Final: 10 mL | Analysis: EPA TO-10A, PCBs Air<br>Batch: EGC/7006 (HBN: 197908)<br>Analyzed: 08/26/2017 00:00 | Instrument ID: GCE03<br>Percent Solid: NA<br>Report Basis: Wet |
|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| Analyte                                                                                                   | Result<br>(ug/sample)                              | RL<br>(ug/sample)                                                                             | Dilution                                                       |
| Tetrachloro-m-xylene                                                                                      | <b>0.62</b>                                        | NA                                                                                            | 1                                                              |
| Decachlorobiphenyl                                                                                        | <b>0.77</b>                                        | NA                                                                                            | 1                                                              |
| Aroclor 1260                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1254                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1221                                                                                              | ND                                                 | 0.20                                                                                          | 1                                                              |
| Aroclor 1232                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1248                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1016                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1242                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1268                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1262                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |



# ANALYTICAL REPORT

Workorder: **34-1723682**

Client: Fulcrum Environmental Consulting

Project Manager: Paul E. Pope

## Analytical Results

|                                          |                                       |                       |
|------------------------------------------|---------------------------------------|-----------------------|
| Sample ID: <b>72517-ANX-East Hallway</b> | Sampling Site: Sky Valley Education   | Collected: 07/25/2017 |
| Lab ID: 1723682017                       | Media: PUF Tube                       | Received: 08/24/2017  |
| Matrix: Air                              | Sampling Parameter: Air Volume 2100 L |                       |

### Analysis Method - EPA TO-10A, PCBs

| Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A<br>Batch: ENVX/25447 (HBN: 197668)<br>Prepared: 08/25/2017 | Weight/Volume<br>Initial: 1 filter<br>Final: 10 mL | Analysis: EPA TO-10A, PCBs Air<br>Batch: EGC/7006 (HBN: 197908)<br>Analyzed: 08/26/2017 00:00 | Instrument ID: GCE03<br>Percent Solid: NA<br>Report Basis: Wet |
|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| Analyte                                                                                                   | Result<br>(ug/sample)                              | RL<br>(ug/sample)                                                                             | Dilution                                                       |
| Tetrachloro-m-xylene                                                                                      | <b>0.63</b>                                        | NA                                                                                            | 1                                                              |
| Decachlorobiphenyl                                                                                        | <b>0.76</b>                                        | NA                                                                                            | 1                                                              |
| Aroclor 1260                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1254                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1221                                                                                              | ND                                                 | 0.20                                                                                          | 1                                                              |
| Aroclor 1232                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1248                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1016                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1242                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1268                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1262                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |

|                                           |                                       |                       |
|-------------------------------------------|---------------------------------------|-----------------------|
| Sample ID: <b>72517-ANX-Boys Bathroom</b> | Sampling Site: Sky Valley Education   | Collected: 07/25/2017 |
| Lab ID: 1723682018                        | Media: PUF Tube                       | Received: 08/24/2017  |
| Matrix: Air                               | Sampling Parameter: Air Volume 2100 L |                       |

### Analysis Method - EPA TO-10A, PCBs

| Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A<br>Batch: ENVX/25447 (HBN: 197668)<br>Prepared: 08/25/2017 | Weight/Volume<br>Initial: 1 filter<br>Final: 10 mL | Analysis: EPA TO-10A, PCBs Air<br>Batch: EGC/7006 (HBN: 197908)<br>Analyzed: 08/26/2017 00:00 | Instrument ID: GCE03<br>Percent Solid: NA<br>Report Basis: Wet |
|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| Analyte                                                                                                   | Result<br>(ug/sample)                              | RL<br>(ug/sample)                                                                             | Dilution                                                       |
| Tetrachloro-m-xylene                                                                                      | <b>0.66</b>                                        | NA                                                                                            | 1                                                              |
| Decachlorobiphenyl                                                                                        | <b>0.75</b>                                        | NA                                                                                            | 1                                                              |
| Aroclor 1260                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1254                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1221                                                                                              | ND                                                 | 0.20                                                                                          | 1                                                              |
| Aroclor 1232                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1248                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1016                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1242                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1268                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1262                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |



# ANALYTICAL REPORT

Workorder: **34-1723682**

Client: Fulcrum Environmental Consulting

Project Manager: Paul E. Pope

## Analytical Results

|                                 |                                       |                       |
|---------------------------------|---------------------------------------|-----------------------|
| Sample ID: <b>72517-ANX-RMC</b> | Sampling Site: Sky Valley Education   | Collected: 07/25/2017 |
| Lab ID: 1723682019              | Media: PUF Tube                       | Received: 08/24/2017  |
| Matrix: Air                     | Sampling Parameter: Air Volume 2100 L |                       |

### Analysis Method - EPA TO-10A, PCBs

| Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A<br>Batch: ENVX/25447 (HBN: 197668)<br>Prepared: 08/25/2017 | Weight/Volume<br>Initial: 1 filter<br>Final: 10 mL | Analysis: EPA TO-10A, PCBs Air<br>Batch: EGC/7006 (HBN: 197908)<br>Analyzed: 08/26/2017 00:00 | Instrument ID: GCE03<br>Percent Solid: NA<br>Report Basis: Wet |
|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| Analyte                                                                                                   | Result<br>(ug/sample)                              | RL<br>(ug/sample)                                                                             | Dilution                                                       |
| Tetrachloro-m-xylene                                                                                      | <b>0.35</b>                                        | NA                                                                                            | 1                                                              |
| Decachlorobiphenyl                                                                                        | <b>0.77</b>                                        | NA                                                                                            | 1                                                              |
| Aroclor 1260                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1254                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1221                                                                                              | ND                                                 | 0.20                                                                                          | 1                                                              |
| Aroclor 1232                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1248                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1016                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1242                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1268                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1262                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |

|                                 |                                       |                       |
|---------------------------------|---------------------------------------|-----------------------|
| Sample ID: <b>72517-ANX-RMD</b> | Sampling Site: Sky Valley Education   | Collected: 07/25/2017 |
| Lab ID: 1723682020              | Media: PUF Tube                       | Received: 08/24/2017  |
| Matrix: Air                     | Sampling Parameter: Air Volume 2100 L |                       |

### Analysis Method - EPA TO-10A, PCBs

| Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A<br>Batch: ENVX/25447 (HBN: 197668)<br>Prepared: 08/25/2017 | Weight/Volume<br>Initial: 1 filter<br>Final: 10 mL | Analysis: EPA TO-10A, PCBs Air<br>Batch: EGC/7006 (HBN: 197908)<br>Analyzed: 08/26/2017 00:00 | Instrument ID: GCE03<br>Percent Solid: NA<br>Report Basis: Wet |
|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| Analyte                                                                                                   | Result<br>(ug/sample)                              | RL<br>(ug/sample)                                                                             | Dilution                                                       |
| Tetrachloro-m-xylene                                                                                      | <b>0.64</b>                                        | NA                                                                                            | 1                                                              |
| Decachlorobiphenyl                                                                                        | <b>0.76</b>                                        | NA                                                                                            | 1                                                              |
| Aroclor 1260                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1254                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1221                                                                                              | ND                                                 | 0.20                                                                                          | 1                                                              |
| Aroclor 1232                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1248                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1016                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1242                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1268                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1262                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |



# ANALYTICAL REPORT

Workorder: **34-1723682**

Client: Fulcrum Environmental Consulting

Project Manager: Paul E. Pope

## Analytical Results

|                                      |                                       |                       |
|--------------------------------------|---------------------------------------|-----------------------|
| Sample ID: <b>72517-ANX-RME East</b> | Sampling Site: Sky Valley Education   | Collected: 07/25/2017 |
| Lab ID: 1723682021                   | Media: PUF Tube                       | Received: 08/24/2017  |
| Matrix: Air                          | Sampling Parameter: Air Volume 2100 L |                       |

### Analysis Method - EPA TO-10A, PCBs

| Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A<br>Batch: ENVX/25447 (HBN: 197668)<br>Prepared: 08/25/2017 | Weight/Volume<br>Initial: 1 filter<br>Final: 10 mL | Analysis: EPA TO-10A, PCBs Air<br>Batch: EGC/7006 (HBN: 197908)<br>Analyzed: 08/26/2017 00:00 | Instrument ID: GCE03<br>Percent Solid: NA<br>Report Basis: Wet |
|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| Analyte                                                                                                   | Result<br>(ug/sample)                              | RL<br>(ug/sample)                                                                             | Dilution                                                       |
| Tetrachloro-m-xylene                                                                                      | <b>0.69</b>                                        | NA                                                                                            | 1                                                              |
| Decachlorobiphenyl                                                                                        | <b>0.78</b>                                        | NA                                                                                            | 1                                                              |
| Aroclor 1260                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1254                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1221                                                                                              | ND                                                 | 0.20                                                                                          | 1                                                              |
| Aroclor 1232                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1248                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1016                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1242                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1268                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1262                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |

|                                      |                                       |                       |
|--------------------------------------|---------------------------------------|-----------------------|
| Sample ID: <b>72517-ANX-RME West</b> | Sampling Site: Sky Valley Education   | Collected: 07/25/2017 |
| Lab ID: 1723682022                   | Media: PUF Tube                       | Received: 08/24/2017  |
| Matrix: Air                          | Sampling Parameter: Air Volume 2100 L |                       |

### Analysis Method - EPA TO-10A, PCBs

| Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A<br>Batch: ENVX/25447 (HBN: 197668)<br>Prepared: 08/25/2017 | Weight/Volume<br>Initial: 1 filter<br>Final: 10 mL | Analysis: EPA TO-10A, PCBs Air<br>Batch: EGC/7006 (HBN: 197908)<br>Analyzed: 08/26/2017 00:00 | Instrument ID: GCE03<br>Percent Solid: NA<br>Report Basis: Wet |
|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| Analyte                                                                                                   | Result<br>(ug/sample)                              | RL<br>(ug/sample)                                                                             | Dilution                                                       |
| Tetrachloro-m-xylene                                                                                      | <b>0.68</b>                                        | NA                                                                                            | 1                                                              |
| Decachlorobiphenyl                                                                                        | <b>0.72</b>                                        | NA                                                                                            | 1                                                              |
| Aroclor 1260                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1254                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1221                                                                                              | ND                                                 | 0.20                                                                                          | 1                                                              |
| Aroclor 1232                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1248                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1016                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1242                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1268                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1262                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |



# ANALYTICAL REPORT

Workorder: **34-1723682**

Client: Fulcrum Environmental Consulting

Project Manager: Paul E. Pope

## Analytical Results

|                                 |                                       |                       |
|---------------------------------|---------------------------------------|-----------------------|
| Sample ID: <b>72517-ANX-RMF</b> | Sampling Site: Sky Valley Education   | Collected: 07/25/2017 |
| Lab ID: 1723682023              | Media: PUF Tube                       | Received: 08/24/2017  |
| Matrix: Air                     | Sampling Parameter: Air Volume 2100 L |                       |

### Analysis Method - EPA TO-10A, PCBs

| Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A<br>Batch: ENVX/25447 (HBN: 197668)<br>Prepared: 08/25/2017 | Weight/Volume<br>Initial: 1 filter<br>Final: 10 mL | Analysis: EPA TO-10A, PCBs Air<br>Batch: EGC/7006 (HBN: 197908)<br>Analyzed: 08/26/2017 00:00 | Instrument ID: GCE03<br>Percent Solid: NA<br>Report Basis: Wet |
|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| Analyte                                                                                                   | Result<br>(ug/sample)                              | RL<br>(ug/sample)                                                                             | Dilution                                                       |
| Tetrachloro-m-xylene                                                                                      | <b>0.69</b>                                        | NA                                                                                            | 1                                                              |
| Decachlorobiphenyl                                                                                        | <b>0.74</b>                                        | NA                                                                                            | 1                                                              |
| Aroclor 1260                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1254                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1221                                                                                              | ND                                                 | 0.20                                                                                          | 1                                                              |
| Aroclor 1232                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1248                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1016                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1242                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1268                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1262                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |

Sample ID: **72517-ANX-Hallway North**

Sampling Site: Sky Valley Education

Collected: 07/25/2017

Lab ID: 1723682024

Media: PUF Tube

Received: 08/24/2017

Matrix: Air

Sampling Parameter: Air Volume 2100 L

### Analysis Method - EPA TO-10A, PCBs

| Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A<br>Batch: ENVX/25447 (HBN: 197668)<br>Prepared: 08/25/2017 | Weight/Volume<br>Initial: 1 filter<br>Final: 10 mL | Analysis: EPA TO-10A, PCBs Air<br>Batch: EGC/7006 (HBN: 197908)<br>Analyzed: 08/26/2017 00:00 | Instrument ID: GCE03<br>Percent Solid: NA<br>Report Basis: Wet |
|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| Analyte                                                                                                   | Result<br>(ug/sample)                              | RL<br>(ug/sample)                                                                             | Dilution                                                       |
| Tetrachloro-m-xylene                                                                                      | <b>0.66</b>                                        | NA                                                                                            | 1                                                              |
| Decachlorobiphenyl                                                                                        | <b>0.75</b>                                        | NA                                                                                            | 1                                                              |
| Aroclor 1260                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1254                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1221                                                                                              | ND                                                 | 0.20                                                                                          | 1                                                              |
| Aroclor 1232                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1248                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1016                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1242                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1268                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1262                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |



# ANALYTICAL REPORT

Workorder: **34-1723682**

Client: Fulcrum Environmental Consulting

Project Manager: Paul E. Pope

## Analytical Results

|                                                  |                                       |                       |
|--------------------------------------------------|---------------------------------------|-----------------------|
| Sample ID: <b>72517-ANX-RM B Office Supplies</b> | Sampling Site: Sky Valley Education   | Collected: 07/25/2017 |
| Lab ID: 1723682025                               | Media: PUF Tube                       | Received: 08/24/2017  |
| Matrix: Air                                      | Sampling Parameter: Air Volume 2100 L |                       |

### Analysis Method - EPA TO-10A, PCBs

| Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A<br>Batch: ENVX/25447 (HBN: 197668)<br>Prepared: 08/25/2017 | Weight/Volume<br>Initial: 1 filter<br>Final: 10 mL | Analysis: EPA TO-10A, PCBs Air<br>Batch: EGC/7006 (HBN: 197908)<br>Analyzed: 08/26/2017 00:00 | Instrument ID: GCE03<br>Percent Solid: NA<br>Report Basis: Wet |
|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| Analyte                                                                                                   | Result<br>(ug/sample)                              | RL<br>(ug/sample)                                                                             | Dilution                                                       |
| Tetrachloro-m-xylene                                                                                      | <b>0.68</b>                                        | NA                                                                                            | 1                                                              |
| Decachlorobiphenyl                                                                                        | <b>0.76</b>                                        | NA                                                                                            | 1                                                              |
| Aroclor 1260                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1254                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1221                                                                                              | ND                                                 | 0.20                                                                                          | 1                                                              |
| Aroclor 1232                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1248                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1016                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1242                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1268                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1262                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |

Sample ID: **72517-ANX-Field Blank**

Sampling Site: Sky Valley Education

Collected: 07/25/2017

Lab ID: 1723682026

Media: PUF Tube

Received: 08/24/2017

Matrix: Air

Sampling Parameter: NA

### Analysis Method - EPA TO-10A, PCBs

| Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A<br>Batch: ENVX/25447 (HBN: 197668)<br>Prepared: 08/25/2017 | Weight/Volume<br>Initial: 1 filter<br>Final: 10 mL | Analysis: EPA TO-10A, PCBs Air<br>Batch: EGC/7006 (HBN: 197908)<br>Analyzed: 08/26/2017 00:00 | Instrument ID: GCE03<br>Percent Solid: NA<br>Report Basis: Wet |
|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| Analyte                                                                                                   | Result<br>(ug/sample)                              | RL<br>(ug/sample)                                                                             | Dilution                                                       |
| Tetrachloro-m-xylene                                                                                      | <b>0.70</b>                                        | NA                                                                                            | 1                                                              |
| Decachlorobiphenyl                                                                                        | <b>0.73</b>                                        | NA                                                                                            | 1                                                              |
| Aroclor 1260                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1254                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1221                                                                                              | ND                                                 | 0.20                                                                                          | 1                                                              |
| Aroclor 1232                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1248                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1016                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1242                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1268                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1262                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |



# ANALYTICAL REPORT

Workorder: **34-1723682**

Client: Fulcrum Environmental Consulting

Project Manager: Paul E. Pope

## Analytical Results

|                                       |                                     |                       |
|---------------------------------------|-------------------------------------|-----------------------|
| Sample ID: <b>72517-ANX-Lab Blank</b> | Sampling Site: Sky Valley Education | Collected: 07/25/2017 |
| Lab ID: 1723682027                    | Media: PUF Tube                     | Received: 08/24/2017  |
| Matrix: Air                           | Sampling Parameter: NA              |                       |

### Analysis Method - EPA TO-10A, PCBs

| Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A<br>Batch: ENVX/25447 (HBN: 197668)<br>Prepared: 08/25/2017 | Weight/Volume<br>Initial: 1 filter<br>Final: 10 mL | Analysis: EPA TO-10A, PCBs Air<br>Batch: EGC/7006 (HBN: 197908)<br>Analyzed: 08/26/2017 00:00 | Instrument ID: GCE03<br>Percent Solid: NA<br>Report Basis: Wet |
|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| Analyte                                                                                                   | Result<br>(ug/sample)                              | RL<br>(ug/sample)                                                                             | Dilution                                                       |
| Tetrachloro-m-xylene                                                                                      | <b>0.61</b>                                        | NA                                                                                            | 1                                                              |
| Decachlorobiphenyl                                                                                        | <b>0.74</b>                                        | NA                                                                                            | 1                                                              |
| Aroclor 1260                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1254                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1221                                                                                              | ND                                                 | 0.20                                                                                          | 1                                                              |
| Aroclor 1232                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1248                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1016                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1242                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1268                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1262                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |

|                        |                                     |                       |
|------------------------|-------------------------------------|-----------------------|
| Sample ID: <b>MB-1</b> | Sampling Site: Sky Valley Education | Collected: 07/25/2017 |
| Lab ID: 1723682028     | Media: PUF Tube                     | Received: 08/24/2017  |
| Matrix: Air            | Sampling Parameter: NA              |                       |

### Analysis Method - EPA TO-10A, PCBs

| Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A<br>Batch: ENVX/25447 (HBN: 197668)<br>Prepared: 08/25/2017 | Weight/Volume<br>Initial: 1 filter<br>Final: 10 mL | Analysis: EPA TO-10A, PCBs Air<br>Batch: EGC/7006 (HBN: 197908)<br>Analyzed: 08/26/2017 00:00 | Instrument ID: GCE03<br>Percent Solid: NA<br>Report Basis: Wet |
|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| Analyte                                                                                                   | Result<br>(ug/sample)                              | RL<br>(ug/sample)                                                                             | Dilution                                                       |
| Tetrachloro-m-xylene                                                                                      | <b>0.68</b>                                        | NA                                                                                            | 1                                                              |
| Decachlorobiphenyl                                                                                        | <b>0.81</b>                                        | NA                                                                                            | 1                                                              |
| Aroclor 1260                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1254                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1221                                                                                              | ND                                                 | 0.20                                                                                          | 1                                                              |
| Aroclor 1232                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1248                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1016                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1242                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1268                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1262                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |



# ANALYTICAL REPORT

Workorder: **34-1723682**

Client: Fulcrum Environmental Consulting

Project Manager: Paul E. Pope

## Analytical Results

|                         |                                     |                       |
|-------------------------|-------------------------------------|-----------------------|
| Sample ID: <b>LCS-1</b> | Sampling Site: Sky Valley Education | Collected: 07/25/2017 |
| Lab ID: 1723682029      | Media: PUF Tube                     | Received: 08/24/2017  |
| Matrix: Air             | Sampling Parameter: NA              |                       |

### Analysis Method - EPA TO-10A, PCBs

| Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A<br>Batch: ENVX/25447 (HBN: 197668)<br>Prepared: 08/25/2017 | Weight/Volume<br>Initial: 1 filter<br>Final: 10 mL | Analysis: EPA TO-10A, PCBs Air<br>Batch: EGC/7006 (HBN: 197908)<br>Analyzed: 08/26/2017 00:00 | Instrument ID: GCE03<br>Percent Solid: NA<br>Report Basis: Wet |
|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| Analyte                                                                                                   | Result<br>(ug/sample)                              | RL<br>(ug/sample)                                                                             | Dilution                                                       |
| Tetrachloro-m-xylene                                                                                      | <b>0.71</b>                                        | NA                                                                                            | 1                                                              |
| Decachlorobiphenyl                                                                                        | <b>0.83</b>                                        | NA                                                                                            | 1                                                              |
| Aroclor 1260                                                                                              | <b>4.2</b>                                         | 0.10                                                                                          | 1                                                              |
| Aroclor 1254                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1221                                                                                              | ND                                                 | 0.20                                                                                          | 1                                                              |
| Aroclor 1232                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1248                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1016                                                                                              | <b>3.9</b>                                         | 0.10                                                                                          | 1                                                              |
| Aroclor 1242                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1268                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1262                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |

|                          |                                     |                       |
|--------------------------|-------------------------------------|-----------------------|
| Sample ID: <b>LCSD-1</b> | Sampling Site: Sky Valley Education | Collected: 07/25/2017 |
| Lab ID: 1723682030       | Media: PUF Tube                     | Received: 08/24/2017  |
| Matrix: Air              | Sampling Parameter: NA              |                       |

### Analysis Method - EPA TO-10A, PCBs

| Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A<br>Batch: ENVX/25447 (HBN: 197668)<br>Prepared: 08/25/2017 | Weight/Volume<br>Initial: 1 filter<br>Final: 10 mL | Analysis: EPA TO-10A, PCBs Air<br>Batch: EGC/7006 (HBN: 197908)<br>Analyzed: 08/26/2017 00:00 | Instrument ID: GCE03<br>Percent Solid: NA<br>Report Basis: Wet |
|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| Analyte                                                                                                   | Result<br>(ug/sample)                              | RL<br>(ug/sample)                                                                             | Dilution                                                       |
| Tetrachloro-m-xylene                                                                                      | <b>0.68</b>                                        | NA                                                                                            | 1                                                              |
| Decachlorobiphenyl                                                                                        | <b>0.81</b>                                        | NA                                                                                            | 1                                                              |
| Aroclor 1260                                                                                              | <b>4.1</b>                                         | 0.10                                                                                          | 1                                                              |
| Aroclor 1254                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1221                                                                                              | ND                                                 | 0.20                                                                                          | 1                                                              |
| Aroclor 1232                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1248                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1016                                                                                              | <b>3.7</b>                                         | 0.10                                                                                          | 1                                                              |
| Aroclor 1242                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1268                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1262                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |



# ANALYTICAL REPORT

Workorder: **34-1723682**

Client: Fulcrum Environmental Consulting

Project Manager: Paul E. Pope

## Analytical Results

|                        |                                     |                       |
|------------------------|-------------------------------------|-----------------------|
| Sample ID: <b>MB-2</b> | Sampling Site: Sky Valley Education | Collected: 07/25/2017 |
| Lab ID: 1723682031     | Media: PUF Tube                     | Received: 08/24/2017  |
| Matrix: Air            | Sampling Parameter: NA              |                       |

### Analysis Method - EPA TO-10A, PCBs

| Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A<br>Batch: ENVX/25447 (HBN: 197668)<br>Prepared: 08/25/2017 | Weight/Volume<br>Initial: 1 filter<br>Final: 10 mL | Analysis: EPA TO-10A, PCBs Air<br>Batch: EGC/7006 (HBN: 197908)<br>Analyzed: 08/26/2017 00:00 | Instrument ID: GCE03<br>Percent Solid: NA<br>Report Basis: Wet |
|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| Analyte                                                                                                   | Result<br>(ug/sample)                              | RL<br>(ug/sample)                                                                             | Dilution                                                       |
| Tetrachloro-m-xylene                                                                                      | <b>0.71</b>                                        | NA                                                                                            | 1                                                              |
| Decachlorobiphenyl                                                                                        | <b>0.79</b>                                        | NA                                                                                            | 1                                                              |
| Aroclor 1260                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1254                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1221                                                                                              | ND                                                 | 0.20                                                                                          | 1                                                              |
| Aroclor 1232                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1248                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1016                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1242                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1268                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1262                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |

|                         |                                     |                       |
|-------------------------|-------------------------------------|-----------------------|
| Sample ID: <b>LCS-2</b> | Sampling Site: Sky Valley Education | Collected: 07/25/2017 |
| Lab ID: 1723682032      | Media: PUF Tube                     | Received: 08/24/2017  |
| Matrix: Air             | Sampling Parameter: NA              |                       |

### Analysis Method - EPA TO-10A, PCBs

| Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A<br>Batch: ENVX/25447 (HBN: 197668)<br>Prepared: 08/25/2017 | Weight/Volume<br>Initial: 1 filter<br>Final: 10 mL | Analysis: EPA TO-10A, PCBs Air<br>Batch: EGC/7006 (HBN: 197908)<br>Analyzed: 08/26/2017 00:00 | Instrument ID: GCE03<br>Percent Solid: NA<br>Report Basis: Wet |
|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| Analyte                                                                                                   | Result<br>(ug/sample)                              | RL<br>(ug/sample)                                                                             | Dilution                                                       |
| Tetrachloro-m-xylene                                                                                      | <b>0.74</b>                                        | NA                                                                                            | 1                                                              |
| Decachlorobiphenyl                                                                                        | <b>0.83</b>                                        | NA                                                                                            | 1                                                              |
| Aroclor 1260                                                                                              | <b>4.4</b>                                         | 0.10                                                                                          | 1                                                              |
| Aroclor 1254                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1221                                                                                              | ND                                                 | 0.20                                                                                          | 1                                                              |
| Aroclor 1232                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1248                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1016                                                                                              | <b>4.0</b>                                         | 0.10                                                                                          | 1                                                              |
| Aroclor 1242                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1268                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |
| Aroclor 1262                                                                                              | ND                                                 | 0.10                                                                                          | 1                                                              |



# ANALYTICAL REPORT

Workorder: **34-1723682**

Client: Fulcrum Environmental Consulting

Project Manager: Paul E. Pope

## Analytical Results

|                          |                                     |                       |
|--------------------------|-------------------------------------|-----------------------|
| Sample ID: <b>LCSD-2</b> | Sampling Site: Sky Valley Education | Collected: 07/25/2017 |
| Lab ID: 1723682033       | Media: PUF Tube                     | Received: 08/24/2017  |
| Matrix: Air              | Sampling Parameter: NA              |                       |

### Analysis Method - EPA TO-10A, PCBs

|                                                                                                           |                                                    |                                                                                               |                                                                |
|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| Preparation: EPA 3540 Soxhlet Ext., EPA TO-10A<br>Batch: ENVX/25447 (HBN: 197668)<br>Prepared: 08/25/2017 | Weight/Volume<br>Initial: 1 filter<br>Final: 10 mL | Analysis: EPA TO-10A, PCBs Air<br>Batch: EGC/7006 (HBN: 197908)<br>Analyzed: 08/26/2017 00:00 | Instrument ID: GCE03<br>Percent Solid: NA<br>Report Basis: Wet |
|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------|

| Analyte              | Result<br>(ug/sample) | RL<br>(ug/sample) | Dilution | Qual |
|----------------------|-----------------------|-------------------|----------|------|
| Tetrachloro-m-xylene | <b>0.71</b>           | NA                | 1        |      |
| Decachlorobiphenyl   | <b>0.83</b>           | NA                | 1        |      |
| Aroclor 1260         | <b>4.3</b>            | 0.10              | 1        |      |
| Aroclor 1254         | ND                    | 0.10              | 1        |      |
| Aroclor 1221         | ND                    | 0.20              | 1        |      |
| Aroclor 1232         | ND                    | 0.10              | 1        |      |
| Aroclor 1248         | ND                    | 0.10              | 1        |      |
| Aroclor 1016         | <b>4.0</b>            | 0.10              | 1        |      |
| Aroclor 1242         | ND                    | 0.10              | 1        |      |
| Aroclor 1268         | ND                    | 0.10              | 1        |      |
| Aroclor 1262         | ND                    | 0.10              | 1        |      |

### Report Authorization (/S/ is an electronic signature that complies with 21 CFR Part 11)

| Method           | Analyst                                  | Peer Review                          |
|------------------|------------------------------------------|--------------------------------------|
| EPA TO-10A, PCBs | /S/ Steven J. Sagers<br>08/29/2017 15:22 | /S/ Lyle Edwards<br>08/30/2017 09:39 |

### Laboratory Contact Information

ALS Environmental  
960 W Levoy Drive  
Salt Lake City, Utah 84123

Phone: (801) 266-7700  
Email: alsit.lab@ALSGlobal.com  
Web: www.asslc.com



## ANALYTICAL REPORT

Workorder: **34-1723682**

Client: Fulcrum Environmental Consulting

Project Manager: Paul E. Pope

### General Lab Comments

The results provided in this report relate only to the items tested.

Samples were received in acceptable condition unless otherwise noted.

Samples have not been blank corrected unless otherwise noted.

This test report shall not be reproduced, except in full, without written approval of ALS.

ALS provides professional analytical services for all samples submitted. ALS is not in a position to interpret the data and assumes no responsibility for the quality of the samples submitted.

All quality control samples processed with the samples in this report yielded acceptable results unless otherwise noted.

ALS is accredited for specific fields of testing (scopes) in the following testing sectors. The quality system implemented at ALS conforms to accreditation requirements and is applied to all analytical testing performed by ALS. The following table lists testing sector, accreditation body, accreditation number and website. Please contact these accrediting bodies or your ALS project manager for the current scope of accreditation that applies to your analytical testing.

| Testing Sector         | Accreditation Body (Standard)          | Certificate Number | Website                                                                                                                           |
|------------------------|----------------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Environmental          | ANAB (DoD ELAP)                        | ADE-1420           | <a href="http://www.anab.org/accredited-organizations/">http://www.anab.org/accredited-organizations/</a>                         |
|                        | Utah (NELAC)                           | DATA1              | <a href="http://health.utah.gov/lab/labimp/">http://health.utah.gov/lab/labimp/</a>                                               |
|                        | Nevada                                 | UT00009            | <a href="http://ndep.nv.gov/bsdw/labservice.htm">http://ndep.nv.gov/bsdw/labservice.htm</a>                                       |
|                        | Oklahoma                               | UT00009            | <a href="http://www.deq.state.ok.us/CSDnew/">http://www.deq.state.ok.us/CSDnew/</a>                                               |
|                        | Iowa                                   | IA# 376            | <a href="http://www.iowadnr.gov/InsideDNR/RegulatoryWater.aspx">http://www.iowadnr.gov/InsideDNR/RegulatoryWater.aspx</a>         |
|                        | Texas (TNI)                            | T104704456-11-1    | <a href="http://www.tceq.texas.gov/field/qa/lab_accred_certif.html">http://www.tceq.texas.gov/field/qa/lab_accred_certif.html</a> |
|                        | Washington                             | C596-16            | <a href="http://www.ecy.wa.gov/programs/eap/labs/index.html">http://www.ecy.wa.gov/programs/eap/labs/index.html</a>               |
|                        | Kansas                                 | E-10416            | <a href="http://www.kdheks.gov/lipo/index.html">http://www.kdheks.gov/lipo/index.html</a>                                         |
| Industrial Hygiene     | AIHA LAP LLC (ISO 17025 & IHLAP/ELLAP) | 101574             | <a href="http://www.aihaaccreditedlabs.org">http://www.aihaaccreditedlabs.org</a>                                                 |
|                        | Washington                             | C596-16            | <a href="http://www.ecy.wa.gov/programs/eap/labs/index.html">http://www.ecy.wa.gov/programs/eap/labs/index.html</a>               |
| Lead Testing:          |                                        |                    |                                                                                                                                   |
| CPSC                   | ANAB (ISO 17025, CPSC)                 | ADE-1420           | <a href="http://www.anab.org/accredited-organizations/">http://www.anab.org/accredited-organizations/</a>                         |
| Soil, Dust, Paint ,Air | AIHA LAP LLC (ISO 17025 & IHLAP/ELLAP) | 101574             | <a href="http://www.aihaaccreditedlabs.org">http://www.aihaaccreditedlabs.org</a>                                                 |
| Dietary Supplements    | ACCLASS (ISO 17025)                    | ADE-1420           | <a href="http://www.aclasscorp.com">http://www.aclasscorp.com</a>                                                                 |



## ANALYTICAL REPORT

Workorder: **34-1723682**

Client: Fulcrum Environmental  
Consulting

Project Manager: Paul E. Pope

### Result Symbol Definitions

MDL = Method Detection Limit, a statistical estimate of method/media/instrument sensitivity.

RL = Reporting Limit, a verified value of method/media/instrument sensitivity.

CRDL = Contract Required Detection Limit

Reg. Limit = Regulatory Limit.

ND = Not Detected, testing result not detected above the MDL or RL.

< This testing result is less than the numerical value.

\*\* No result could be reported, see sample comments for details.

### Qualifier Symbol Definitions

U = Qualifier indicates that the analyte was not detected above the MDL.

J = Qualifier Indicates that the analyte value is between the MDL and the RL. It is also used to indicate an estimated value for tentatively identified compounds in mass spectrometry where a 1:1 response is assumed.

B = Qualifier indicates that the analyte was detected in the blank.

E = Qualifier indicates that the analyte result exceeds calibration range.

P = Qualifier indicates that the RPD between the two columns is greater than 40%.

18485/1

P1703614



1723682



ALS Environmental  
4388 Glendale Millford Rd.  
Cincinnati, Ohio 45242  
Phone: (800) 458-1403 or  
(513) 733-5336  
Fax: (513) 733-5357

Page 1 of 2

## ANALYTICAL REQUEST FORM

23707

 REGULAR Status RUSH Status Required - ADDITIONAL CHARGE

RESULTS REQUIRED BY \_\_\_\_\_

DATE

CONTACT ALS LABORATORY GROUP PRIOR TO SENDING SAMPLES

Date \_\_\_\_\_ Purchase Order No. \_\_\_\_\_  
 Company Name Eulerion Environmental  
 Address 406 N 2nd St  
Yakima WA 98901  
 City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
 Send Report To Ryan Matherne  
 Email Address Rmatherne@efn.com.net  
 Telephone (509) 574-6839

Alt. Contact Name \_\_\_\_\_  
 Alt. Contact Info \_\_\_\_\_

| Item Ref. Only | Code/Category Number           | Method Type | Analyses Requested | Use Method Number if Known |
|----------------|--------------------------------|-------------|--------------------|----------------------------|
| 1              | 72517-ADM-SEOffice             | Tub, Pmt    | TO-10a             | P1703614-001               |
| 2              | 72517-ADM-SOffice              |             |                    | 002                        |
| 3              | 72517-ADM-SOffice              |             |                    | 003                        |
| X              | 72517-ADM-WOffice              |             |                    | 004                        |
| 5              | 72517-ADM-NOffice              |             |                    | 005                        |
| 6              | 72517-ADM-Center               |             |                    | 006                        |
| 7              | 72517-ADM-Conference           |             |                    | 007                        |
| 8              | 72517-ADM-Batt RM              |             |                    | 008                        |
| 9              | 72517-GYM-Gathering Room       |             |                    | 009                        |
| P              | 72517-GYM-CTE                  |             |                    | 010                        |
| 4              | 72517-GYM-Girls Locker         |             |                    | 011                        |
| 12             | 72517-GYM-Girls Locker Storage |             |                    | 012                        |
| P              | 72517-GYM-Small Gym            |             |                    | 013                        |
| 17             | 72517-LGYM-Electrical          |             |                    | 014                        |
| 15             | 72517-ANX-RM B                 |             |                    | 015                        |
| 16             | 72517-ANX-RM A                 | ↓           | ↓                  | 016                        |

Failure to complete all portions of this form may delay analysis. Please fill in this form LEGIBLY.

## CHAIN OF CUSTODY

|                                 |                    |                             |                             |                   |                                |
|---------------------------------|--------------------|-----------------------------|-----------------------------|-------------------|--------------------------------|
| Relinquished by:<br>(Signature) | <u>Nathan Best</u> | Date / Time<br>7/26/12 1530 | Received by:<br>(Signature) | <u>W. Schmitt</u> | Date / Time<br>8/24/2012 10:30 |
| Relinquished by:<br>(Signature) |                    | Date / Time<br>7/27/12 0930 | Received by:<br>(Signature) | <u>R. D.</u>      | Date / Time<br>7/27/12 0930    |

8-23-12 1530

4°C 0.62

P 1703614



ALS Environmental  
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(513) 733-6336  
Fax: (513) 733-5347

Page 2 of 2

## ANALYTICAL REQUEST FORM

23707

REGULAR Status

RUSH Status Required - ADDITIONAL CHARGE

RESULTS REQUIRED BY \_\_\_\_\_

DATE

CONTACT ALS LABORATORY GROUP PRIOR TO SENDING SAMPLES

Date \_\_\_\_\_ Purchase Order No. \_\_\_\_\_  
 Company Name Environmental Environmental!  
 Address 406 N 3rd St  
Yakima WA 98901  
 City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
 Send Report To Ryan M. Hayes  
 Email Address Rmatias@environmental.net  
 Telephone (509) 574-0839

Alt. Contact Name \_\_\_\_\_  
 Alt. Contact Info \_\_\_\_\_

Quote No. \_\_\_\_\_

Sampling Site Sky Valley Education Center

Date/Time of Collection 7/23/17

Project No. 172070.02

Billing Address (if different)  
 \_\_\_\_\_

| Location # | Sample Number                | Matrix Type | Sample Number<br>Series Type (e.g.) | ANALYSES REQUESTED - Use Method Number if Known |
|------------|------------------------------|-------------|-------------------------------------|-------------------------------------------------|
| 17         | 72517-ANX-East Holloway      | Tub, bath   | 2109/1120                           | TO-10a P1703614 - 017                           |
| 18         | 72517-ANX-Boys Bathroom      |             |                                     | 018                                             |
| 19         | 72517-ANX-RMC                |             |                                     | 019                                             |
| 20         | 72517-ANX-RMD                |             |                                     | 020                                             |
| 21         | 72517-ANX-RME East           |             |                                     | 021                                             |
| 22         | 72517-ANX-RME West           |             |                                     | 022                                             |
| 23         | 72517-ANX-RMF                |             |                                     | 023                                             |
| 24         | 72517-ANX-Holloway North     |             |                                     | 024                                             |
| 25         | 72517-ANX-RMB Office Shelves | ✓           | ✓                                   | 025                                             |
| 26         | 72517-Field Blank            |             |                                     | 026                                             |
| 27         | 72517-Lab Blank              |             |                                     | 027                                             |
|            |                              |             |                                     | Receive sample not on content (OC) - MB-1       |
|            |                              |             |                                     | LCS-1                                           |
|            |                              |             |                                     | LCS-2                                           |
|            |                              |             |                                     | MB-2                                            |
|            |                              |             |                                     | LCS-2                                           |

and  
or other

Failure to complete all portions of this form may delay analysis. Please fill in this form LEGIBLY. LSP-2

### CHAIN OF CUSTODY

|                                 |                    |                             |                             |                  |                                    |
|---------------------------------|--------------------|-----------------------------|-----------------------------|------------------|------------------------------------|
| Relinquished by:<br>(Signature) | <u>Nonethin BS</u> | Date / Time<br>7/24/17 9:45 | Received by:<br>(Signature) | <u>M. Setzer</u> | Date / Time<br>07/24/2017<br>10:30 |
| Relinquished by:<br>(Signature) |                    | Date / Time                 | Received by:<br>(Signature) | <u>J. Z.</u>     | Date / Time<br>7/27/17             |

D. Z. 8-23-17 1530 PC a/c

## ALS - SALT LAKE CITY-RELATED INFORMATION REPORT (CRIR)

## COOLER OR CONTAINER INFORMATION CHECKLIST (Fill In or Circle)

|                                               |                       |                                                                    |                        |                         |                   |                         |              |                   |      |
|-----------------------------------------------|-----------------------|--------------------------------------------------------------------|------------------------|-------------------------|-------------------|-------------------------|--------------|-------------------|------|
| Client Name: <u>Fulcrum Environ</u>           |                       | Project/Task/Site: <u>172842</u>                                   |                        |                         |                   |                         |              |                   |      |
| Date/Time of Receipt: <u>08/24/2017</u>       |                       | Number of Coolers Received: <u>1</u>                               |                        |                         |                   |                         |              |                   |      |
| Condition of Coolers: Acceptable/Unacceptable |                       | Temperature Control: Present/Not Included                          |                        |                         |                   |                         |              |                   |      |
| Cooler Custody Seals: Present/Absent/NA       |                       | Location Temp Taken: Control/Between Samples                       |                        |                         |                   |                         |              |                   |      |
| Container Custody Seals: Intact/Broken/NA     |                       | Are all temperatures within project specific guidelines? Yes/No/NA |                        |                         |                   |                         |              |                   |      |
| Ice Present: Yes/No/NA                        |                       | VOA Headspace Present? Yes/No/NA                                   |                        |                         |                   |                         |              |                   |      |
| Frozen/Melted/NA                              |                       |                                                                    |                        |                         |                   |                         |              |                   |      |
| pH Check Performed:                           | Metals                | Yes/No/NA                                                          | Total Phenolics        | Yes/No/NA               | NO3/NO2           | Yes/No/NA               |              |                   |      |
|                                               | Cyanide               | Yes/No/NA                                                          | TPH - 418.1            | Yes/No/NA               | Oil & Grease      | Yes/No/NA               |              |                   |      |
|                                               | Sulfide               | Yes/No/NA                                                          | COD                    | Yes/No/NA               | Total Phosphorous | Yes/No/NA               |              |                   |      |
|                                               | Ammonia               | Yes/No/NA                                                          | TKN                    | Yes/No/NA               | TOC Preserved     | Yes/No/NA               |              |                   |      |
| <u>Cooler Received</u>                        | <u>ALS Cooler No.</u> | <u>Temp.</u>                                                       | <u>Cooler Received</u> | <u>ALS Cooler No.</u>   | <u>Temp.</u>      | <u>ALS L Cooler No.</u> | <u>Temp.</u> |                   |      |
| 1                                             | C17-7591              | 14 °C                                                              | 4                      | C17-                    | °C                | 7                       | C17-         | °C                |      |
| 2                                             | C17-                  | °C                                                                 | 5                      | C17-                    | °C                | 8                       | C17-         | °C                |      |
| 3                                             | C17-                  | °C                                                                 | 6                      | C17-                    | °C                | 9                       | C17-         | °C                |      |
| Taken By: <u>M. Schuett</u>                   |                       | Signature                                                          |                        | <u>Martenne Schuett</u> |                   | Printed Name            |              | <u>08/24/2017</u> | Date |

## CLIENT-RELATED INFORMATION

- |                                                          |                                                           |                                                    |                                                     |
|----------------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------|
| <input type="checkbox"/> Missing Cooler                  | <input type="checkbox"/> Missing Samples/Bottles          | <input type="checkbox"/> Incorrect Preservation    | <input type="checkbox"/> Insufficient Sample Volume |
| <input type="checkbox"/> Cooler Conditions               | <input type="checkbox"/> Broken/Leaking Samples           | <input type="checkbox"/> pH Criteria Not Met       | <input type="checkbox"/> Chain of Custody Problems  |
| <input type="checkbox"/> Missing Paperwork               | <input type="checkbox"/> Incorrect Bottle Type            | <input type="checkbox"/> Residual Chlorine Present | <input type="checkbox"/> Other:                     |
| <input type="checkbox"/> Missing/Incorrect Bottle Labels | <input type="checkbox"/> Cooler Temperatures Out of Range | <input type="checkbox"/> Head Space in Bottles     |                                                     |

BRIEFLY DESCRIBE THE PROBLEM AND THE ACTION TAKEN:

E-mailed to Client? Yes  No 

Response Required Within 24 Hours

## PROJECT MANAGEMENT

## PROJECT MANAGER COMMENTS:

ALS Project Manager: \_\_\_\_\_ Returned to Sample Receipt by: \_\_\_\_\_ Date: \_\_\_\_\_

Printed Name \_\_\_\_\_ Signature \_\_\_\_\_

**ALS Environmental**  
**TO-4ATO-10A SAMPLE EXTRACTION LOG**

DATE : 7 / 31 / 2017

ANALYSIS : TO-4A/TO-10A

EXTRACTION METHOD: Soxhlet

Batch Type:  Sample Extraction     Cleaning/Certification

Cleaning/Certification Matrix:  XAD-2®     PUF     PUF/XAD-2®/Filter

Filter Lot#:

Surrogate Spike - Conc.: 20 ug/mL; ID: S28-06021701

LCS - Conc.: 100/20 ug/mL; ID: S28-06021702

Cartridge Volume:  High     Low

Solvent ID: S 03 Lott#: 00001704 Lott#: DPT49

Solvent ID: S 04 Lott#: 04 Lott#: DPT49

Cleanup Performed: Y  Solvent Exchange: Y

N<sub>2</sub> Flow: 7.5psi Concentrator Temperature: 60°

| Pos. | Laboratory Identification | Client ID | Cartridge Identification | Spike (uL) - Surrogates | Spike (uL) - LCS / MS | Final Vol.(mL)      | Comments |
|------|---------------------------|-----------|--------------------------|-------------------------|-----------------------|---------------------|----------|
| 1    | MB-1                      | -         | MB                       | 50                      | 10                    | <u>510-07241702</u> |          |
| 2    | LCS-1                     | -         | LCS                      | 50                      | 10                    | <u>510-07241702</u> |          |
| 3    | LCSD-1                    | -         | LCSD                     | 50                      | 10                    | <u>510-07241703</u> |          |
| 4    | P1703612-001              | -         | <u>No ID's</u>           |                         |                       |                     |          |
| 5    | -002 -                    | 02        |                          |                         |                       |                     |          |
| 6    | -003 -                    | 03        |                          |                         |                       |                     |          |
| 7    | -004 -                    | 04        |                          |                         |                       |                     |          |
| 8    | -005 -                    | 05        |                          |                         |                       |                     |          |
| 9    | -006 -                    | 06        |                          |                         |                       |                     |          |
| 10   | -007 -                    | 07        |                          |                         |                       |                     |          |
| 11   | -008 -                    | 08        |                          |                         |                       |                     |          |
| 12   | -009 -                    | 09        |                          |                         |                       |                     |          |
| 13   | -010 -                    | 10        |                          |                         |                       |                     |          |
| 14   | -011 -                    | 11        |                          |                         |                       |                     |          |
| 15   | -012 -                    | 12        |                          |                         |                       |                     |          |
| 16   | -013 -                    | 13        |                          |                         |                       |                     |          |

Extraction By: GCG Date: 7/31/17 Start Time: 3:30pm Stop Time: 9:30am Extracts Received By: IA Date: 8/1/17

Log Sheet Approved By: CA Date: 8/1/17

# TO-4/A/TO-10A SAMPLE EXTRACTION LOG

**DATE :** 7/31/2017

**ANALYSIS :** TO-4A/TO-10A

**EXTRACTION METHOD:** Soxhlet

**Batch Type:**  Sample Extraction       Cleaning/Certification  
**Cleaning/Certification Matrix:**  XAD-2®  PUF       PUF/XAD-2®/Filter  
**Filter Lot #:** \_\_\_\_\_  
**Surrogate Spike - Conc.:**  20 ug/mL; ID: S 28 - 06021701  
**LCS - Conc.:**  100/20 ug/mL; ID: S 28 - 06021702

**Solvent:**  90%/10% n-Hexane/Ether      **MeCl<sub>2</sub>**  Acetone  
**Solvent ID:** S 10 - 07311704      **H<sub>2</sub>O**  **Expt 2** **Lot#:** 0719  
**Solvent ID:** S 10 - 07311701      **Lot#:** 0000162495 **Lot#:** DR608  
**Solvent ID:** S  02      **Lot#:**  02 **Lot#:**   
**Cleanup Performed:**  Solvent Exchange:  N<sub>2</sub> Flow: 1.5  Concentrator Temperature: 60°C

| Pos. | Laboratory Identification | Client ID          | Cartridge Identification | Spike (uL) - Surrogates | Spike (uL) - LCS / MS | Final Vol. (mL) | Comments                              |
|------|---------------------------|--------------------|--------------------------|-------------------------|-----------------------|-----------------|---------------------------------------|
| 17   | P17D3612-014              | - 72417-P0D-RM14   | No ID's                  | 50                      | 10                    | 5/10 - 07311704 |                                       |
| 18   | - 015 -                   |                    | 15                       |                         |                       |                 |                                       |
| 19   | - 016 -                   |                    | 16                       |                         |                       |                 |                                       |
| 20   | - 017 -                   |                    | 17                       |                         |                       |                 |                                       |
| 21   | - 018 -                   |                    | 18                       |                         |                       |                 |                                       |
| 22   | - 019 -                   |                    | 19                       |                         |                       |                 |                                       |
| 23   | ▽ - 020 -                 | ▽ 20               | ▽                        |                         |                       |                 | 5/10 - 07311704                       |
| 24   | MB - 2 -                  |                    | MB                       |                         |                       |                 |                                       |
| 25   | LCS - 2 -                 |                    | LCS                      |                         | 50                    |                 |                                       |
| 26   | LCSD-2 -                  |                    | LCSD                     |                         | 50                    |                 |                                       |
| 27   | P17D3612-021              | - 72417-P0D-N cert | No ID's                  |                         |                       |                 |                                       |
| 28   | - 022 -                   | e                  |                          |                         |                       |                 |                                       |
| 29   | - 023 -                   | 5                  | ▽                        |                         |                       |                 |                                       |
| 30   | - 024 -                   | ▽ Library          |                          |                         |                       |                 |                                       |
| 31   | - 025 -                   | 72417-ADM-Nurse    |                          |                         |                       |                 |                                       |
| 32   | - 026 -                   | Field Blank        | ▽                        | ▽                       | ▽                     | ▽               |                                       |
| 33)  | ▽ - 027 -                 | ▽ LAC Blank        | ▽                        | ▽                       | ▽                     | ▽               |                                       |
|      | Extraction By:            | 6/25               | Date:                    | 7/31/17                 | Start Time:           | 3:30pm          | Stop Time: 9:30am                     |
|      |                           |                    |                          |                         |                       |                 | Extracts Received By: EA Date: 8/1/17 |

Log Sheet Approved By: 4A Date: 8/1/17

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**ALS Environmental**  
**TO-4A/TO-10A SAMPLE EXTRACTION LOG**

DATE : 8 / 1 / 2017

ANALYSIS : TO-4A/TO-10A

EXTRACTION METHOD: Soxhlet

Batch Type: X Sample Extraction      Cleaning/Certification  
 Cleaning/Certification Matrix: XAD-2® X PUF      PUF/XAD-2®/Filter  
 Filter Lot #: \_\_\_\_\_ Cartridge Volume: High X Low  
 Surrogate Spike – Conc.: 20 ug/mL; ID: S28 - 06021701  
 LCS – Conc.: 10/20 ug/mL; ID: S28 - 06021702

Solvent: X 90%/10% n-Hexane/Ether      MeCl₂      Acetone  
 Solvent ID: S10-07311702 Lot#: 0000162495 Lot#: DR608  
 Solvent ID: S03 Lot#: 04 Lot#: DR608  
 Cleanup Performed: Y NO Solvent Exchange: Y NO  
 N<sub>2</sub> Flow: 1.5psi Concentrator Temperature: 60°c

| Pos. | Laboratory Identification | Client ID                      | Cartridge Identification | Spike (uL) - Surrogates | Spike (uL) - LCS / MS | Final Vol. (mL) | Comments     |
|------|---------------------------|--------------------------------|--------------------------|-------------------------|-----------------------|-----------------|--------------|
| 1    | MB-1                      |                                | MB                       | 50                      | 10                    | S10-07311702    |              |
| 2    | LCS-1                     |                                | LCS                      | 50                      | 4                     |                 |              |
| 3    | LCSD-1                    |                                | LCSD                     |                         |                       |                 |              |
| 4    | P1703614-001              | 72517-ADM-SE office            | No TDS                   |                         |                       |                 | S10-07311703 |
| 5    | -002-                     |                                | 5                        |                         |                       |                 |              |
| 6    | -003-                     | SW                             |                          |                         |                       |                 |              |
| 7    | -004-                     | W                              |                          |                         |                       |                 |              |
| 8    | -005-                     | ▷ NW ▷                         |                          |                         |                       |                 |              |
| 9    | -006-                     | 72517-ADM-Center               |                          |                         |                       |                 |              |
| 10   | -007-                     | Conference                     |                          |                         |                       |                 | ▷            |
| 11   | -008-                     | Staff Rm                       |                          |                         |                       |                 | S10-07311704 |
| 12   | -009-                     | 72517-GYM-<br>Gathering Place  |                          |                         |                       |                 |              |
| 13   | -010-                     | 72517-GYM-CF6                  |                          |                         |                       |                 |              |
| 14   | -011-                     | 72517-GYM-Girls<br>Locker Room |                          |                         |                       |                 |              |
| 15   | -012-                     | 72517-GYM-Girls<br>Locker Room |                          |                         |                       |                 |              |
| 16   | ▷                         | -013-72517-GYM-Small Gym       | ▷                        | ▷                       | ▷                     |                 | ▷            |

Extraction By: GGA Date: 8/1/17 Start Time: 3:30pm Stop Time: 9:30am Extracts Received By: 2W Date: 8/23/17

Log Sheet Approved By: \_\_\_\_\_ Date: \_\_\_\_\_

**ALS Environmental**  
**TO-4A/TO-10A SAMPLE EXTRACTION LOG**

DATE : 8 / 1 / 2017

ANALYSIS : TO-4A/TO-10A

EXTRACTION METHOD: Soxhlet

Batch Type:  Sample Extraction       Cleaning/Certification  
 Cleaning/Certification Matrix: XAD-2®       PUF      PUF/XAD-2®/Filter  
 Filter Lot #: \_\_\_\_\_ Cartridge Volume: High       Low  
 Surrogate Spike - Conc.: 20 ug/mL; ID: S28-06621701  
 LCS - Conc.: 100/20 ug/mL; ID: S28-06021702

Solvent: 90%/10% n-Hexane/Ether      MeCl<sub>2</sub>      Acetone  
 Solvent ID: S10-08011701      Lot#: 00011351      Lot#: 0P7V9  
 Solvent ID: S02      Lot#: 03      Lot#: 03  
 Cleanup Performed: Y  Solvent Exchange: Y   
 N<sub>2</sub> Flow: 1.5psi Concentrator Temperature: 60°C

| Pos. | Laboratory Identification                                  | Client ID      | Cartridge Identification | Spike (uL) - Surrogates | Spike (uL) - LCS / MS | Final Vol. (mL)     | Comments |
|------|------------------------------------------------------------|----------------|--------------------------|-------------------------|-----------------------|---------------------|----------|
|      | <u>P1703614-014</u> - <u>72517-Gym</u> -                   | No ID's        | <u>50</u>                |                         | <u>10</u>             | <u>S10-08011701</u> |          |
|      | <u>015</u> - <u>72517-ANX- Rm B</u>                        |                |                          |                         |                       |                     |          |
|      | <u>016</u> - <u>72517-ANX- RMA</u>                         |                |                          |                         |                       |                     |          |
|      | <u>017</u> - <u>72517-ANX- East</u>                        |                |                          |                         |                       |                     |          |
|      | <u>018</u> - <u>72517-ANX- Bows</u>                        |                |                          |                         |                       |                     |          |
|      | <u>019</u> - <u>72517-ANX- BMC</u>                         |                |                          |                         |                       |                     |          |
|      | <u>020</u> - <u>72517-ANX- RmD</u>                         | <u>MB</u>      | <u>50</u>                |                         |                       |                     |          |
|      | <u>MB-2</u> -                                              |                |                          |                         |                       |                     |          |
|      | <u>LCS-2</u> -                                             | <u>LCS</u>     | <u>50</u>                |                         |                       |                     |          |
|      | <u>LCSD-2</u> -                                            | <u>LCSD</u>    | <u>50</u>                |                         |                       |                     |          |
|      | <u>P1703614-021</u> - <u>72517-ANX-RME</u> <u>east</u>     | <u>No ID's</u> |                          |                         |                       |                     |          |
|      | <u>-022</u> - <u>72517-ANX-RME</u> <u>west</u>             |                |                          |                         |                       |                     |          |
|      | <u>-023</u> - <u>72517-ANX-RMF</u>                         |                |                          |                         |                       |                     |          |
|      | <u>-024</u> - <u>72517-ANX- Hallway</u>                    |                |                          |                         |                       |                     |          |
|      | <u>-025</u> - <u>72517-ANX-Rm B</u> <u>Office Supplies</u> |                |                          |                         |                       |                     |          |
|      | <u>-026</u> - <u>72517-Field Blank</u>                     |                |                          |                         |                       |                     |          |
|      | <u>✓</u> <u>-027</u> - <u>72517-Lab Blank</u>              |                | <u>50</u>                |                         | <u>50</u>             | <u>S10-08011703</u> |          |

Extraction By: GGA Date: 8/1/17 Start Time: 3:30pm, stop Time: 9:30am Extracts Received By: ZW Date: 8/23/17

Log Sheet Approved By: \_\_\_\_\_

Page 124

S28-06021701 20ug/ml pesticide surrogate spike std.

500 ml of S28-03211701 (200 ug/ml, pesticide surrogate, Restek, Lot# A0125020  
Exp: 5/2023) made to 5 ml final volume in Hexane (Batch: 143369)

Exp: 12/2/17

2W

S28-06021702 100 ug/ml Aroclor 1016-1260 + 20 ug/ml SG LCS/LCSB spike.

500 ml of S28-12121405C (1000 ug/ml, Aroclor 1016, supelco, lot#: LC06403, x 2/23)

500 ml of S28-12121407C (1000 ug/ml, Aroclor 1260, supelco, lot#: LC09267, x 7/24)

500 ml of S28-03211701 (200 ug/ml, pesticide surrogate, Restek, lot#: A0125020, x 5/23)  
made to 5 ml final volume in Hexane (Batch: 143369)

Exp: 12/2/17

2W

S28-06061701 10ug/ml Amine CCV std

500 ml of S28-02091707 made to 5 ml final volume in  
0.01N NaOH/Merri w/IS.

Exp: 8/9/17

2W

S28-06061702 0.5 ug/ml Amine MRL check std.

50 ml of S28-06061701 made to 1ml final volume in  
0.01N NaOH/Merri w/IS.

Exp: 8/9/17

2W

| H2S Stock Compound<br>Na2S.9H2O | S28-06071701 | 1328.6 ugS/ml<br>M. Wt. S Fraction<br>240.18 0.1335 | Used mg Final Vol(ml)<br>99.50 | H2S ug/ml<br>10.0 | ugS/ml<br>1412.2 | 1328.57 |
|---------------------------------|--------------|-----------------------------------------------------|--------------------------------|-------------------|------------------|---------|
|                                 |              |                                                     |                                |                   | Exp: 1/16/18     | 2W      |

| H2S Stock Compound<br>Na2S.9H2O | S28-06071702 | 1249.8 ugS/ml<br>M. Wt. S Fraction<br>240.18 0.1335 | Used mg Final Vol(ml)<br>93.60 | H2S ug/ml<br>10.0 | ugS/ml<br>1328.4 | 1249.79 |
|---------------------------------|--------------|-----------------------------------------------------|--------------------------------|-------------------|------------------|---------|
|                                 |              |                                                     |                                |                   | Exp: 1/16/18     | 2W      |

S28-06081701 25 ug/ml S8 working std. CCV

1.0mL of S28-04061702 made to 10mL final volume  
in Toluene w/IS (S28-05081701)

Exp. 10/6/17 ③

**Attachment E**

**ALS Global Cincinnati Laboratory Report  
Wipe Samples**



11-Aug-2017

Ryan Mathews  
Fulcrum Environmental Consulting  
406 N. 2nd Street  
Yakima, WA 98901

Tel: (509) 574-0839  
Fax:

Re: Sky Valley Edu Center; PN 17-2070.02

Work Order: **1707841**

Dear Ryan,

ALS Environmental received 17 samples on 28-Jul-2017 09:51 AM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested.

QC sample results for this data met laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Laboratory Group. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 24.

If you have any questions regarding this report, please feel free to contact me.

Sincerely,

**Shawn Smythe**

Electronically approved by: Chris Gibson

Shawn Smythe  
Project Manager

ADDRESS 4388 Glendale Milford Rd Cincinnati, Ohio 45242 | PHONE (513) 733-6336 | FAX (513) 733-6347

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Environmental

[www.alsglobal.com](http://www.alsglobal.com)

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ED\_004522\_00089855-00084

**Client:** Fulcrum Environmental Consulting  
**Project:** Sky Valley Edu Center, PN 17-2070.02  
**Work Order:** 1707841

**Work Order Sample Summary**

| <b>Lab Samp ID</b> | <b>Client Sample ID</b>        | <b>Matrix</b> | <b>Tag Number</b> | <b>Collection Date</b> | <b>Date Received</b> | <b>Hold</b>              |
|--------------------|--------------------------------|---------------|-------------------|------------------------|----------------------|--------------------------|
| 1707841-01         | 72417-ADM-SF OFFICE            | Wipe          |                   | 7/24/2017              | 7/28/2017 09:51      | <input type="checkbox"/> |
| 1707841-02         | 72417-ADM-W OFFICE             | Wipe          |                   | 7/24/2017              | 7/28/2017 09:51      | <input type="checkbox"/> |
| 1707841-03         | 72417-GYM-GIRLS LOCKER STORAGE | Wipe          |                   | 7/24/2017              | 7/28/2017 09:51      | <input type="checkbox"/> |
| 1707841-04         | 72417-GYM-SMALL GYM A          | Wipe          |                   | 7/24/2017              | 7/28/2017 09:51      | <input type="checkbox"/> |
| 1707841-05         | 72417-GYM-SMALL GYM B          | Wipe          |                   | 7/24/2017              | 7/28/2017 09:51      | <input type="checkbox"/> |
| 1707841-06         | 72417-ANX-RM F                 | Wipe          |                   | 7/24/2017              | 7/28/2017 09:51      | <input type="checkbox"/> |
| 1707841-07         | 72417-POD-RM 03                | Wipe          |                   | 7/24/2017              | 7/28/2017 09:51      | <input type="checkbox"/> |
| 1707841-08         | 72417-POD-RM 04                | Wipe          |                   | 7/24/2017              | 7/28/2017 09:51      | <input type="checkbox"/> |
| 1707841-09         | 72417-POD-RM 08                | Wipe          |                   | 7/24/2017              | 7/28/2017 09:51      | <input type="checkbox"/> |
| 1707841-10         | 72417-POD-RM 11                | Wipe          |                   | 7/24/2017              | 7/28/2017 09:51      | <input type="checkbox"/> |
| 1707841-11         | 72417-POD-RM 14                | Wipe          |                   | 7/24/2017              | 7/28/2017 09:51      | <input type="checkbox"/> |
| 1707841-12         | 72417-POD-RM 17                | Wipe          |                   | 7/24/2017              | 7/28/2017 09:51      | <input type="checkbox"/> |
| 1707841-13         | 72417-POD-RM 20 A              | Wipe          |                   | 7/24/2017              | 7/28/2017 09:51      | <input type="checkbox"/> |
| 1707841-14         | 72417-POD-RM 20 B              | Wipe          |                   | 7/24/2017              | 7/28/2017 09:51      | <input type="checkbox"/> |
| 1707841-15         | 72417-FIELD BLANK              | Wipe          |                   | 7/24/2017              | 7/28/2017 09:51      | <input type="checkbox"/> |
| 1707841-16         | 72417-LAB BLANK                | Wipe          |                   | 7/24/2017              | 7/28/2017 09:51      | <input type="checkbox"/> |
| 1707841-17         | 72417-TRIP BLANK               | Wipe          |                   | 7/24/2017              | 7/28/2017 09:51      | <input type="checkbox"/> |

**Client:** Fulcrum Environmental Consulting  
**Project:** Sky Valley Edu Center; PN 17-2070.02  
**Work Order:** 1707841

**Case Narrative**

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The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested.

Results relate only to the items tested and are not blank corrected unless indicated.

QC sample results for this data met laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

**Client:** Fulcrum Environmental Consulting  
**Project:** Sky Valley Edu Center; PN 17-2070.02  
**Sample ID:** 72417-ADM-SF OFFICE  
**Collection Date:** 7/24/2017

**Work Order:** 1707841  
**Lab ID:** 1707841-01  
**Matrix:** WIPE

## Analytical Results

### Analyses

| PCBS WIPE    | Method: SW8082          |           |                 | Area   | 100 | cm2 | Analyst: JEA |
|--------------|-------------------------|-----------|-----------------|--------|-----|-----|--------------|
|              | Date Analyzed: 8/9/2017 | µg/sample | Reporting Limit |        |     |     |              |
| Aroclor 1016 | ND                      | 1.0       |                 | <0.010 |     |     |              |
| Aroclor 1221 | ND                      | 1.0       |                 | <0.010 |     |     |              |
| Aroclor 1232 | ND                      | 1.0       |                 | <0.010 |     |     |              |
| Aroclor 1242 | ND                      | 1.0       |                 | <0.010 |     |     |              |
| Aroclor 1248 | ND                      | 1.0       |                 | <0.010 |     |     |              |
| Aroclor 1254 | ND                      | 1.0       |                 | <0.010 |     |     |              |
| Aroclor 1260 | ND                      | 1.0       |                 | <0.010 |     |     |              |
| Aroclor 1262 | ND                      | 1.0       |                 | <0.010 |     |     |              |
| Aroclor 1268 | ND                      | 1.0       |                 | <0.010 |     |     |              |

Note:

**Client:** Fulcrum Environmental Consulting  
**Project:** Sky Valley Edu Center; PN 17-2070.02  
**Sample ID:** 72417-ADM-W OFFICE  
**Collection Date:** 7/24/2017

**Work Order:** 1707841  
**Lab ID:** 1707841-02  
**Matrix:** WIPE

## Analytical Results

### Analyses

| PCBS WIPE    | Method: SW8082          |           |                 | Area   | 100 | cm2 | Analyst: JEA |
|--------------|-------------------------|-----------|-----------------|--------|-----|-----|--------------|
|              | Date Analyzed: 8/9/2017 | µg/sample | Reporting Limit |        |     |     |              |
| Aroclor 1016 | ND                      | 1.0       |                 | <0.010 |     |     |              |
| Aroclor 1221 | ND                      | 1.0       |                 | <0.010 |     |     |              |
| Aroclor 1232 | ND                      | 1.0       |                 | <0.010 |     |     |              |
| Aroclor 1242 | ND                      | 1.0       |                 | <0.010 |     |     |              |
| Aroclor 1248 | ND                      | 1.0       |                 | <0.010 |     |     |              |
| Aroclor 1254 | ND                      | 1.0       |                 | <0.010 |     |     |              |
| Aroclor 1260 | ND                      | 1.0       |                 | <0.010 |     |     |              |
| Aroclor 1262 | ND                      | 1.0       |                 | <0.010 |     |     |              |
| Aroclor 1268 | ND                      | 1.0       |                 | <0.010 |     |     |              |

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**Note:**

**ALS Environmental****Date:** 11-Aug-17

**Client:** Fulcrum Environmental Consulting  
**Project:** Sky Valley Edu Center; PN 17-2070.02  
**Sample ID:** 72417-GYM-GIRLS LOCKER STORAGE  
**Collection Date:** 7/24/2017

**Work Order:** 1707841  
**Lab ID:** 1707841-03  
**Matrix:** WIPE

**Analytical Results****Analyses**

| PCBS WIPE    | Method: SW8082          |                 | Area      | 100       | cm2    | Analyst: JEA |
|--------------|-------------------------|-----------------|-----------|-----------|--------|--------------|
|              | Date Analyzed: 8/9/2017 | Reporting Limit | μg/sample | μg/sample | ug/cm2 |              |
| Aroclor 1016 | ND                      | 1.0             |           |           | <0.010 |              |
| Aroclor 1221 | ND                      | 1.0             |           |           | <0.010 |              |
| Aroclor 1232 | ND                      | 1.0             |           |           | <0.010 |              |
| Aroclor 1242 | ND                      | 1.0             |           |           | <0.010 |              |
| Aroclor 1248 | ND                      | 1.0             |           |           | <0.010 |              |
| Aroclor 1254 | ND                      | 1.0             |           |           | <0.010 |              |
| Aroclor 1260 | ND                      | 1.0             |           |           | <0.010 |              |
| Aroclor 1262 | ND                      | 1.0             |           |           | <0.010 |              |
| Aroclor 1268 | ND                      | 1.0             |           |           | <0.010 |              |

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**Note:**

**Client:** Fulcrum Environmental Consulting  
**Project:** Sky Valley Edu Center; PN 17-2070.02  
**Sample ID:** 72417-GYM-SMALL GYM A  
**Collection Date:** 7/24/2017

**Work Order:** 1707841  
**Lab ID:** 1707841-04  
**Matrix:** WIPE

## Analytical Results

### Analyses

| PCBS WIPE    | Method: SW8082          |           |                 | Area   | 100 | cm2 | Analyst: JEA |
|--------------|-------------------------|-----------|-----------------|--------|-----|-----|--------------|
|              | Date Analyzed: 8/9/2017 | µg/sample | Reporting Limit |        |     |     |              |
| Aroclor 1016 | ND                      | 1.0       |                 | <0.010 |     |     |              |
| Aroclor 1221 | ND                      | 1.0       |                 | <0.010 |     |     |              |
| Aroclor 1232 | ND                      | 1.0       |                 | <0.010 |     |     |              |
| Aroclor 1242 | ND                      | 1.0       |                 | <0.010 |     |     |              |
| Aroclor 1248 | ND                      | 1.0       |                 | <0.010 |     |     |              |
| Aroclor 1254 | ND                      | 1.0       |                 | <0.010 |     |     |              |
| Aroclor 1260 | ND                      | 1.0       |                 | <0.010 |     |     |              |
| Aroclor 1262 | ND                      | 1.0       |                 | <0.010 |     |     |              |
| Aroclor 1268 | ND                      | 1.0       |                 | <0.010 |     |     |              |

Note:

**Client:** Fulcrum Environmental Consulting  
**Project:** Sky Valley Edu Center; PN 17-2070.02  
**Sample ID:** 72417-GYM-SMALL GYM B  
**Collection Date:** 7/24/2017

**Work Order:** 1707841  
**Lab ID:** 1707841-05  
**Matrix:** WIPE

## Analytical Results

### Analyses

| PCBS WIPE               |           | Method: SW8082  | Area | 100    | cm2 | Analyst: JEA |
|-------------------------|-----------|-----------------|------|--------|-----|--------------|
| Date Analyzed: 8/9/2017 |           | Reporting Limit |      |        |     |              |
|                         | µg/sample | µg/sample       |      | ug/cm2 |     |              |
| Aroclor 1016            | ND        | 1.0             |      | <0.010 |     |              |
| Aroclor 1221            | ND        | 1.0             |      | <0.010 |     |              |
| Aroclor 1232            | ND        | 1.0             |      | <0.010 |     |              |
| Aroclor 1242            | ND        | 1.0             |      | <0.010 |     |              |
| Aroclor 1248            | ND        | 1.0             |      | <0.010 |     |              |
| Aroclor 1254            | ND        | 1.0             |      | <0.010 |     |              |
| Aroclor 1260            | ND        | 1.0             |      | <0.010 |     |              |
| Aroclor 1262            | ND        | 1.0             |      | <0.010 |     |              |
| Aroclor 1268            | ND        | 1.0             |      | <0.010 |     |              |

Note:

**Client:** Fulcrum Environmental Consulting  
**Project:** Sky Valley Edu Center; PN 17-2070.02  
**Sample ID:** 72417-ANX-RMF  
**Collection Date:** 7/24/2017

**Work Order:** 1707841  
**Lab ID:** 1707841-06  
**Matrix:** WIPE

## Analytical Results

### Analyses

| PCBS WIPE    | Method: SW8082          |           |                 | Area   | 100 | cm2 | Analyst: JEA |
|--------------|-------------------------|-----------|-----------------|--------|-----|-----|--------------|
|              | Date Analyzed: 8/9/2017 | µg/sample | Reporting Limit |        |     |     |              |
| Aroclor 1016 | ND                      | 1.0       |                 | <0.010 |     |     |              |
| Aroclor 1221 | ND                      | 1.0       |                 | <0.010 |     |     |              |
| Aroclor 1232 | ND                      | 1.0       |                 | <0.010 |     |     |              |
| Aroclor 1242 | ND                      | 1.0       |                 | <0.010 |     |     |              |
| Aroclor 1248 | ND                      | 1.0       |                 | <0.010 |     |     |              |
| Aroclor 1254 | ND                      | 1.0       |                 | <0.010 |     |     |              |
| Aroclor 1260 | ND                      | 1.0       |                 | <0.010 |     |     |              |
| Aroclor 1262 | ND                      | 1.0       |                 | <0.010 |     |     |              |
| Aroclor 1268 | ND                      | 1.0       |                 | <0.010 |     |     |              |

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**Note:**

**Client:** Fulcrum Environmental Consulting  
**Project:** Sky Valley Edu Center; PN 17-2070.02  
**Sample ID:** 72417-POD-RM 03  
**Collection Date:** 7/24/2017

**Work Order:** 1707841  
**Lab ID:** 1707841-07  
**Matrix:** WIPE

## Analytical Results

### Analyses

| PCBS WIPE    | Method: SW8082          |           |                 | Area   | 100 | cm2 | Analyst: JEA |
|--------------|-------------------------|-----------|-----------------|--------|-----|-----|--------------|
|              | Date Analyzed: 8/9/2017 | µg/sample | Reporting Limit |        |     |     |              |
| Aroclor 1016 | ND                      | 1.0       |                 | <0.010 |     |     |              |
| Aroclor 1221 | ND                      | 1.0       |                 | <0.010 |     |     |              |
| Aroclor 1232 | ND                      | 1.0       |                 | <0.010 |     |     |              |
| Aroclor 1242 | ND                      | 1.0       |                 | <0.010 |     |     |              |
| Aroclor 1248 | ND                      | 1.0       |                 | <0.010 |     |     |              |
| Aroclor 1254 | ND                      | 1.0       |                 | <0.010 |     |     |              |
| Aroclor 1260 | ND                      | 1.0       |                 | <0.010 |     |     |              |
| Aroclor 1262 | ND                      | 1.0       |                 | <0.010 |     |     |              |
| Aroclor 1268 | ND                      | 1.0       |                 | <0.010 |     |     |              |

Note:

**Client:** Fulcrum Environmental Consulting  
**Project:** Sky Valley Edu Center; PN 17-2070.02  
**Sample ID:** 72417-POD-RM 04  
**Collection Date:** 7/24/2017

**Work Order:** 1707841  
**Lab ID:** 1707841-08  
**Matrix:** WIPE

## Analytical Results

### Analyses

| PCBS WIPE    | Method: SW8082          |           |                 | Area   | 100 | cm2 | Analyst: JEA |
|--------------|-------------------------|-----------|-----------------|--------|-----|-----|--------------|
|              | Date Analyzed: 8/9/2017 | µg/sample | Reporting Limit |        |     |     |              |
| Aroclor 1016 | ND                      | 1.0       |                 | <0.010 |     |     |              |
| Aroclor 1221 | ND                      | 1.0       |                 | <0.010 |     |     |              |
| Aroclor 1232 | ND                      | 1.0       |                 | <0.010 |     |     |              |
| Aroclor 1242 | ND                      | 1.0       |                 | <0.010 |     |     |              |
| Aroclor 1248 | ND                      | 1.0       |                 | <0.010 |     |     |              |
| Aroclor 1254 | ND                      | 1.0       |                 | <0.010 |     |     |              |
| Aroclor 1260 | ND                      | 1.0       |                 | <0.010 |     |     |              |
| Aroclor 1262 | ND                      | 1.0       |                 | <0.010 |     |     |              |
| Aroclor 1268 | ND                      | 1.0       |                 | <0.010 |     |     |              |

Note:

**Client:** Fulcrum Environmental Consulting  
**Project:** Sky Valley Edu Center; PN 17-2070.02  
**Sample ID:** 72417-POD-RM 08  
**Collection Date:** 7/24/2017

**Work Order:** 1707841  
**Lab ID:** 1707841-09  
**Matrix:** WIPE

## Analytical Results

### Analyses

| PCBS WIPE    | Method: SW8082          |           |                 | Area   | 100 | cm2 | Analyst: JEA |
|--------------|-------------------------|-----------|-----------------|--------|-----|-----|--------------|
|              | Date Analyzed: 8/9/2017 | µg/sample | Reporting Limit |        |     |     |              |
| Aroclor 1016 | ND                      | 1.0       |                 | <0.010 |     |     |              |
| Aroclor 1221 | ND                      | 1.0       |                 | <0.010 |     |     |              |
| Aroclor 1232 | ND                      | 1.0       |                 | <0.010 |     |     |              |
| Aroclor 1242 | ND                      | 1.0       |                 | <0.010 |     |     |              |
| Aroclor 1248 | ND                      | 1.0       |                 | <0.010 |     |     |              |
| Aroclor 1254 | ND                      | 1.0       |                 | <0.010 |     |     |              |
| Aroclor 1260 | ND                      | 1.0       |                 | <0.010 |     |     |              |
| Aroclor 1262 | ND                      | 1.0       |                 | <0.010 |     |     |              |
| Aroclor 1268 | ND                      | 1.0       |                 | <0.010 |     |     |              |

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**Note:**

**Client:** Fulcrum Environmental Consulting  
**Project:** Sky Valley Edu Center; PN 17-2070.02  
**Sample ID:** 72417-POD-RM 11  
**Collection Date:** 7/24/2017

**Work Order:** 1707841  
**Lab ID:** 1707841-10  
**Matrix:** WIPE

## Analytical Results

### Analyses

| PCBS WIPE    | Method: SW8082          |           |                 | Area   | 100 | cm2 | Analyst: JEA |
|--------------|-------------------------|-----------|-----------------|--------|-----|-----|--------------|
|              | Date Analyzed: 8/9/2017 | µg/sample | Reporting Limit |        |     |     |              |
| Aroclor 1016 | ND                      | 1.0       |                 | <0.010 |     |     |              |
| Aroclor 1221 | ND                      | 1.0       |                 | <0.010 |     |     |              |
| Aroclor 1232 | ND                      | 1.0       |                 | <0.010 |     |     |              |
| Aroclor 1242 | ND                      | 1.0       |                 | <0.010 |     |     |              |
| Aroclor 1248 | ND                      | 1.0       |                 | <0.010 |     |     |              |
| Aroclor 1254 | ND                      | 1.0       |                 | <0.010 |     |     |              |
| Aroclor 1260 | ND                      | 1.0       |                 | <0.010 |     |     |              |
| Aroclor 1262 | ND                      | 1.0       |                 | <0.010 |     |     |              |
| Aroclor 1268 | ND                      | 1.0       |                 | <0.010 |     |     |              |

Note:

**Client:** Fulcrum Environmental Consulting  
**Project:** Sky Valley Edu Center; PN 17-2070.02  
**Sample ID:** 72417-POD-RM 14  
**Collection Date:** 7/24/2017

**Work Order:** 1707841  
**Lab ID:** 1707841-11  
**Matrix:** WIPE

## Analytical Results

### Analyses

| PCBS WIPE    | Method: SW8082          |           |                 | Area   | 100 | cm2 | Analyst: JEA |
|--------------|-------------------------|-----------|-----------------|--------|-----|-----|--------------|
|              | Date Analyzed: 8/9/2017 | µg/sample | Reporting Limit |        |     |     |              |
| Aroclor 1016 | ND                      | 1.0       |                 | <0.010 |     |     |              |
| Aroclor 1221 | ND                      | 1.0       |                 | <0.010 |     |     |              |
| Aroclor 1232 | ND                      | 1.0       |                 | <0.010 |     |     |              |
| Aroclor 1242 | ND                      | 1.0       |                 | <0.010 |     |     |              |
| Aroclor 1248 | ND                      | 1.0       |                 | <0.010 |     |     |              |
| Aroclor 1254 | ND                      | 1.0       |                 | <0.010 |     |     |              |
| Aroclor 1260 | ND                      | 1.0       |                 | <0.010 |     |     |              |
| Aroclor 1262 | ND                      | 1.0       |                 | <0.010 |     |     |              |
| Aroclor 1268 | ND                      | 1.0       |                 | <0.010 |     |     |              |

Note:

**Client:** Fulcrum Environmental Consulting  
**Project:** Sky Valley Edu Center; PN 17-2070.02  
**Sample ID:** 72417-POD-RM 17  
**Collection Date:** 7/24/2017

**Work Order:** 1707841  
**Lab ID:** 1707841-12  
**Matrix:** WIPE

## Analytical Results

### Analyses

| PCBS WIPE    | Method: SW8082          |                 | Area      | 100       | cm2    | Analyst: JEA |
|--------------|-------------------------|-----------------|-----------|-----------|--------|--------------|
|              | Date Analyzed: 8/9/2017 | Reporting Limit | μg/sample | μg/sample | ug/cm2 |              |
| Aroclor 1016 | ND                      | 1.0             |           |           | <0.010 |              |
| Aroclor 1221 | ND                      | 1.0             |           |           | <0.010 |              |
| Aroclor 1232 | ND                      | 1.0             |           |           | <0.010 |              |
| Aroclor 1242 | ND                      | 1.0             |           |           | <0.010 |              |
| Aroclor 1248 | ND                      | 1.0             |           |           | <0.010 |              |
| Aroclor 1254 | ND                      | 1.0             |           |           | <0.010 |              |
| Aroclor 1260 | ND                      | 1.0             |           |           | <0.010 |              |
| Aroclor 1262 | ND                      | 1.0             |           |           | <0.010 |              |
| Aroclor 1268 | ND                      | 1.0             |           |           | <0.010 |              |

Note:

**Client:** Fulcrum Environmental Consulting  
**Project:** Sky Valley Edu Center; PN 17-2070.02  
**Sample ID:** 72417-POD-RM 20 A  
**Collection Date:** 7/24/2017

**Work Order:** 1707841  
**Lab ID:** 1707841-13  
**Matrix:** WIPE

## Analytical Results

### Analyses

| PCBS WIPE    | Method: SW8082          |           |                 | Area   | 100 | cm2 | Analyst: JEA |
|--------------|-------------------------|-----------|-----------------|--------|-----|-----|--------------|
|              | Date Analyzed: 8/9/2017 | µg/sample | Reporting Limit |        |     |     |              |
| Aroclor 1016 | ND                      | 1.0       |                 | <0.010 |     |     |              |
| Aroclor 1221 | ND                      | 1.0       |                 | <0.010 |     |     |              |
| Aroclor 1232 | ND                      | 1.0       |                 | <0.010 |     |     |              |
| Aroclor 1242 | ND                      | 1.0       |                 | <0.010 |     |     |              |
| Aroclor 1248 | ND                      | 1.0       |                 | <0.010 |     |     |              |
| Aroclor 1254 | ND                      | 1.0       |                 | <0.010 |     |     |              |
| Aroclor 1260 | ND                      | 1.0       |                 | <0.010 |     |     |              |
| Aroclor 1262 | ND                      | 1.0       |                 | <0.010 |     |     |              |
| Aroclor 1268 | ND                      | 1.0       |                 | <0.010 |     |     |              |

Note:

**Client:** Fulcrum Environmental Consulting  
**Project:** Sky Valley Edu Center; PN 17-2070.02  
**Sample ID:** 72417-POD-RM 20 B  
**Collection Date:** 7/24/2017

**Work Order:** 1707841  
**Lab ID:** 1707841-14  
**Matrix:** WIPE

## Analytical Results

### Analyses

| PCBS WIPE    | Method: SW8082          |           |                 | Area   | 100 | cm2 | Analyst: JEA |
|--------------|-------------------------|-----------|-----------------|--------|-----|-----|--------------|
|              | Date Analyzed: 8/9/2017 | µg/sample | Reporting Limit |        |     |     |              |
| Aroclor 1016 | ND                      | 1.0       |                 | <0.010 |     |     |              |
| Aroclor 1221 | ND                      | 1.0       |                 | <0.010 |     |     |              |
| Aroclor 1232 | ND                      | 1.0       |                 | <0.010 |     |     |              |
| Aroclor 1242 | ND                      | 1.0       |                 | <0.010 |     |     |              |
| Aroclor 1248 | ND                      | 1.0       |                 | <0.010 |     |     |              |
| Aroclor 1254 | ND                      | 1.0       |                 | <0.010 |     |     |              |
| Aroclor 1260 | ND                      | 1.0       |                 | <0.010 |     |     |              |
| Aroclor 1262 | ND                      | 1.0       |                 | <0.010 |     |     |              |
| Aroclor 1268 | ND                      | 1.0       |                 | <0.010 |     |     |              |

Note:

**Client:** Fulcrum Environmental Consulting  
**Project:** Sky Valley Edu Center; PN 17-2070.02  
**Sample ID:** 72417-FIELD BLANK  
**Collection Date:** 7/24/2017

**Work Order:** 1707841  
**Lab ID:** 1707841-15  
**Matrix:** WIPE

## Analytical Results

### Analyses

| PCBS WIPE    | Method: SW8082 |                              | Area | 0 cm <sup>2</sup> | Analyst: JEA |
|--------------|----------------|------------------------------|------|-------------------|--------------|
|              | µg/sample      | Reporting Limit<br>µg/sample |      |                   |              |
| Aroclor 1016 | ND             | 1.0                          |      | NA                |              |
| Aroclor 1221 | ND             | 1.0                          |      | NA                |              |
| Aroclor 1232 | ND             | 1.0                          |      | NA                |              |
| Aroclor 1242 | ND             | 1.0                          |      | NA                |              |
| Aroclor 1248 | ND             | 1.0                          |      | NA                |              |
| Aroclor 1254 | ND             | 1.0                          |      | NA                |              |
| Aroclor 1260 | ND             | 1.0                          |      | NA                |              |
| Aroclor 1262 | ND             | 1.0                          |      | NA                |              |
| Aroclor 1268 | ND             | 1.0                          |      | NA                |              |

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**Note:**

**Client:** Fulcrum Environmental Consulting  
**Project:** Sky Valley Edu Center; PN 17-2070.02  
**Sample ID:** 72417-LAB BLANK  
**Collection Date:** 7/24/2017

**Work Order:** 1707841  
**Lab ID:** 1707841-16  
**Matrix:** WIPE

## Analytical Results

### Analyses

| PCBS WIPE    | Method: SW8082 |                              | Area | 0 cm <sup>2</sup> | Analyst: JEA |
|--------------|----------------|------------------------------|------|-------------------|--------------|
|              | µg/sample      | Reporting Limit<br>µg/sample |      |                   |              |
| Aroclor 1016 | ND             | 1.0                          |      | NA                |              |
| Aroclor 1221 | ND             | 1.0                          |      | NA                |              |
| Aroclor 1232 | ND             | 1.0                          |      | NA                |              |
| Aroclor 1242 | ND             | 1.0                          |      | NA                |              |
| Aroclor 1248 | ND             | 1.0                          |      | NA                |              |
| Aroclor 1254 | ND             | 1.0                          |      | NA                |              |
| Aroclor 1260 | ND             | 1.0                          |      | NA                |              |
| Aroclor 1262 | ND             | 1.0                          |      | NA                |              |
| Aroclor 1268 | ND             | 1.0                          |      | NA                |              |

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**Note:**

**Client:** Fulcrum Environmental Consulting  
**Project:** Sky Valley Edu Center; PN 17-2070.02  
**Sample ID:** 72417-TRIP BLANK  
**Collection Date:** 7/24/2017

**Work Order:** 1707841  
**Lab ID:** 1707841-17  
**Matrix:** WIPE

## Analytical Results

### Analyses

| PCBS WIPE    | Method: SW8082 |                              | Area | 0 cm <sup>2</sup> | Analyst: JEA |
|--------------|----------------|------------------------------|------|-------------------|--------------|
|              | µg/sample      | Reporting Limit<br>µg/sample |      |                   |              |
| Aroclor 1016 | ND             | 1.0                          |      | NA                |              |
| Aroclor 1221 | ND             | 1.0                          |      | NA                |              |
| Aroclor 1232 | ND             | 1.0                          |      | NA                |              |
| Aroclor 1242 | ND             | 1.0                          |      | NA                |              |
| Aroclor 1248 | ND             | 1.0                          |      | NA                |              |
| Aroclor 1254 | ND             | 1.0                          |      | NA                |              |
| Aroclor 1260 | ND             | 1.0                          |      | NA                |              |
| Aroclor 1262 | ND             | 1.0                          |      | NA                |              |
| Aroclor 1268 | ND             | 1.0                          |      | NA                |              |

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**Note:**

**Client:** Fulcrum Environmental Consulting  
**Work Order:** 1707841  
**Project:** Sky Valley Edu Center; PN 17-2070.02

**QC BATCH REPORT**

Batch ID: **44927**      Instrument ID **GC3**      Method: **SW8082**

| MBLK                              |        | Sample ID: <b>MBLK-44927-44927</b> |         | Units: <b>µg/sample</b> |      | Analysis Date: <b>8/9/2017</b> |               |                     |
|-----------------------------------|--------|------------------------------------|---------|-------------------------|------|--------------------------------|---------------|---------------------|
| Client ID:                        |        | Run ID: <b>GC3_170809B</b>         |         | SeqNo: <b>1568249</b>   |      | Prep Date: <b>8/8/2017</b>     |               | DF: <b>1</b>        |
| Analyte                           | Result | PQL                                | SPK Val | SPK Ref Value           | %REC | Control Limit                  | RPD Ref Value | RPD %RPD Limit Qual |
| Aroclor 1016                      | ND     | 1.0                                |         |                         |      |                                |               |                     |
| Aroclor 1221                      | ND     | 1.0                                |         |                         |      |                                |               |                     |
| Aroclor 1232                      | ND     | 1.0                                |         |                         |      |                                |               |                     |
| Aroclor 1242                      | ND     | 1.0                                |         |                         |      |                                |               |                     |
| Aroclor 1248                      | ND     | 1.0                                |         |                         |      |                                |               |                     |
| Aroclor 1254                      | ND     | 1.0                                |         |                         |      |                                |               |                     |
| Aroclor 1260                      | ND     | 1.0                                |         |                         |      |                                |               |                     |
| Aroclor 1262                      | ND     | 1.0                                |         |                         |      |                                |               |                     |
| Aroclor 1268                      | ND     | 1.0                                |         |                         |      |                                |               |                     |
| <i>Surr: Decachlorobiphenyl</i>   | 0.41   | 0                                  | 0.5     | 0                       | 82   | 14.6-145                       | 0             |                     |
| <i>Surr: Tetrachloro-m-xylene</i> | 0.51   | 0                                  | 0.5     | 0                       | 102  | 24.4-141                       | 0             |                     |

| LCS                               |        | Sample ID: <b>LCS-44927-44927</b> |         | Units: <b>µg/sample</b> |      | Analysis Date: <b>8/9/2017</b> |               |                     |
|-----------------------------------|--------|-----------------------------------|---------|-------------------------|------|--------------------------------|---------------|---------------------|
| Client ID:                        |        | Run ID: <b>GC3_170809B</b>        |         | SeqNo: <b>1568250</b>   |      | Prep Date: <b>8/8/2017</b>     |               | DF: <b>1</b>        |
| Analyte                           | Result | PQL                               | SPK Val | SPK Ref Value           | %REC | Control Limit                  | RPD Ref Value | RPD %RPD Limit Qual |
| Aroclor 1260                      | 8.885  | 1.0                               | 10      | 0                       | 88.8 | 38.1-135                       | 0             |                     |
| <i>Surr: Decachlorobiphenyl</i>   | 0.427  | 0                                 | 0.5     | 0                       | 85.4 | 14.6-145                       | 0             |                     |
| <i>Surr: Tetrachloro-m-xylene</i> | 0.487  | 0                                 | 0.5     | 0                       | 97.4 | 24.4-141                       | 0             |                     |

| LCSD                              |        | Sample ID: <b>LCSD-44927-44927</b> |         | Units: <b>µg/sample</b> |      | Analysis Date: <b>8/9/2017</b> |               |                     |
|-----------------------------------|--------|------------------------------------|---------|-------------------------|------|--------------------------------|---------------|---------------------|
| Client ID:                        |        | Run ID: <b>GC3_170809B</b>         |         | SeqNo: <b>1568263</b>   |      | Prep Date: <b>8/8/2017</b>     |               | DF: <b>1</b>        |
| Analyte                           | Result | PQL                                | SPK Val | SPK Ref Value           | %REC | Control Limit                  | RPD Ref Value | RPD %RPD Limit Qual |
| Aroclor 1260                      | 9.582  | 1.0                                | 10      | 0                       | 95.8 | 38.1-135                       | 8.885         | 7.55 20             |
| <i>Surr: Decachlorobiphenyl</i>   | 0.351  | 0                                  | 0.5     | 0                       | 70.2 | 14.6-145                       | 0.427         | 19.5                |
| <i>Surr: Tetrachloro-m-xylene</i> | 0.386  | 0                                  | 0.5     | 0                       | 77.2 | 24.4-141                       | 0.487         | 23.1                |

The following samples were analyzed in this batch:

1707841-01A      1707841-02A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

**Client:** Fulcrum Environmental Consulting  
**Work Order:** 1707841  
**Project:** Sky Valley Edu Center; PN 17-2070.02

## QC BATCH REPORT

Batch ID: **44946**      Instrument ID **GC3**      Method: **SW8082**

| MLBK                              | Sample ID: <b>MLBK-44946-44946</b> |     |                       |               | Units: <b>µg/sample</b>    |               | Analysis Date: <b>8/9/2017</b> |                |          |
|-----------------------------------|------------------------------------|-----|-----------------------|---------------|----------------------------|---------------|--------------------------------|----------------|----------|
|                                   | Client ID: <b>GC3_170809C</b>      |     | SeqNo: <b>1568903</b> |               | Prep Date: <b>8/9/2017</b> |               | DF: <b>1</b>                   |                |          |
| Analyte                           | Result                             | PQL | SPK Val               | SPK Ref Value | %REC                       | Control Limit | RPD Ref Value                  | RPD %RPD Limit | RPD Qual |
| Aroclor 1016                      | ND                                 | 1.0 |                       |               |                            |               |                                |                |          |
| Aroclor 1221                      | ND                                 | 1.0 |                       |               |                            |               |                                |                |          |
| Aroclor 1232                      | ND                                 | 1.0 |                       |               |                            |               |                                |                |          |
| Aroclor 1242                      | ND                                 | 1.0 |                       |               |                            |               |                                |                |          |
| Aroclor 1248                      | ND                                 | 1.0 |                       |               |                            |               |                                |                |          |
| Aroclor 1254                      | ND                                 | 1.0 |                       |               |                            |               |                                |                |          |
| Aroclor 1260                      | ND                                 | 1.0 |                       |               |                            |               |                                |                |          |
| Aroclor 1262                      | ND                                 | 1.0 |                       |               |                            |               |                                |                |          |
| Aroclor 1268                      | ND                                 | 1.0 |                       |               |                            |               |                                |                |          |
| <i>Surr: Decachlorobiphenyl</i>   | 0.163                              | 0   | 0.5                   | 0             | 32.6                       | 14.6-145      |                                | 0              |          |
| <i>Surr: Tetrachloro-m-xylene</i> | 0.186                              | 0   | 0.5                   | 0             | 37.2                       | 24.4-141      |                                | 0              |          |

| LCS                               | Sample ID: <b>LCS-44946-44946</b> |     |                       |               | Units: <b>µg/sample</b>    |               | Analysis Date: <b>8/9/2017</b> |                |          |
|-----------------------------------|-----------------------------------|-----|-----------------------|---------------|----------------------------|---------------|--------------------------------|----------------|----------|
|                                   | Client ID: <b>GC3_170809C</b>     |     | SeqNo: <b>1568904</b> |               | Prep Date: <b>8/9/2017</b> |               | DF: <b>1</b>                   |                |          |
| Analyte                           | Result                            | PQL | SPK Val               | SPK Ref Value | %REC                       | Control Limit | RPD Ref Value                  | RPD %RPD Limit | RPD Qual |
| Aroclor 1260                      | 8.228                             | 1.0 | 10                    | 0             | 82.3                       | 38.1-135      |                                | 0              |          |
| <i>Surr: Decachlorobiphenyl</i>   | 0.361                             | 0   | 0.5                   | 0             | 72.2                       | 14.6-145      |                                | 0              |          |
| <i>Surr: Tetrachloro-m-xylene</i> | 0.39                              | 0   | 0.5                   | 0             | 78                         | 24.4-141      |                                | 0              |          |

| LCSD                              | Sample ID: <b>LCSD-44946-44946</b> |     |                       |               | Units: <b>µg/sample</b>    |               | Analysis Date: <b>8/9/2017</b> |                |          |
|-----------------------------------|------------------------------------|-----|-----------------------|---------------|----------------------------|---------------|--------------------------------|----------------|----------|
|                                   | Client ID: <b>GC3_170809C</b>      |     | SeqNo: <b>1568920</b> |               | Prep Date: <b>8/9/2017</b> |               | DF: <b>1</b>                   |                |          |
| Analyte                           | Result                             | PQL | SPK Val               | SPK Ref Value | %REC                       | Control Limit | RPD Ref Value                  | RPD %RPD Limit | RPD Qual |
| Aroclor 1260                      | 8.12                               | 1.0 | 10                    | 0             | 81.2                       | 38.1-135      | 8.228                          | 1.32           | 20       |
| <i>Surr: Decachlorobiphenyl</i>   | 0.337                              | 0   | 0.5                   | 0             | 67.4                       | 14.6-145      | 0.361                          | 6.88           |          |
| <i>Surr: Tetrachloro-m-xylene</i> | 0.369                              | 0   | 0.5                   | 0             | 73.8                       | 24.4-141      | 0.39                           | 5.53           |          |

The following samples were analyzed in this batch:

|             |             |             |
|-------------|-------------|-------------|
| 1707841-03A | 1707841-04A | 1707841-05A |
| 1707841-06A | 1707841-07A | 1707841-08A |
| 1707841-09A | 1707841-10A | 1707841-11A |
| 1707841-12A | 1707841-13A | 1707841-14A |
| 1707841-15A | 1707841-16A | 1707841-17A |

**Note:** See Qualifiers Page for a list of Qualifiers and their explanation.

QC Page: 2 of 2

**Client:** Fulcrum Environmental Consulting  
**Project:** Sky Valley Edu Center; PN 17-2070.02  
**WorkOrder:** 1707841

## **QUALIFIERS, ACRONYMS, UNITS**

| <b><u>Qualifier</u></b> | <b><u>Description</u></b>                                                 |
|-------------------------|---------------------------------------------------------------------------|
| *                       | Value exceeds Regulatory Limit                                            |
| a                       | Not accredited                                                            |
| B                       | Analyte detected in the associated Method Blank above the Reporting Limit |
| E                       | Value above quantitation range                                            |
| H                       | Analyzed outside of Holding Time                                          |
| J                       | Analyte detected below quantitation limit                                 |
| n                       | Not offered for accreditation                                             |
| ND                      | Not Detected at the Reporting Limit                                       |
| O                       | Sample amount is > 4 times amount spiked                                  |
| P                       | Dual Column results percent difference > 40%                              |
| R                       | RPD above laboratory control limit                                        |
| S                       | Spike Recovery outside laboratory control limits                          |
| U                       | Analyzed but not detected above the MDL                                   |

| <b><u>Acronym</u></b> | <b><u>Description</u></b>           |
|-----------------------|-------------------------------------|
| DUP                   | Method Duplicate                    |
| E                     | EPA Method                          |
| LCS                   | Laboratory Control Sample           |
| LCSD                  | Laboratory Control Sample Duplicate |
| MBLK                  | Method Blank                        |
| MDL                   | Method Detection Limit              |
| MQL                   | Method Quantitation Limit           |
| MS                    | Matrix Spike                        |
| MSD                   | Matrix Spike Duplicate              |
| PDS                   | Post Digestion Spike                |
| PQL                   | Practical Quantitaion Limit         |
| SDL                   | Sample Detection Limit              |
| SW                    | SW-846 Method                       |

| <b><u>Units Reported</u></b> | <b><u>Description</u></b> |
|------------------------------|---------------------------|
| µg/sample                    |                           |

# ALS Environmental

## Sample Receipt Checklist

Client Name: FULCRUM-YAKIMA

Date/Time Received: 28-Jul-17 09:51

Work Order: 1707841

Received by: DNS

Checklist completed by R. don ienan

eSignature

31-Jul-17

Date

Reviewed by: Shawn Smyth

eSignature

07-Aug-17

Date

Matrices:

Carrier name: FedEx

|                                                         |                                           |                             |                                                 |
|---------------------------------------------------------|-------------------------------------------|-----------------------------|-------------------------------------------------|
| Shipping container/cooler in good condition?            | Yes <input checked="" type="checkbox"/>   | No <input type="checkbox"/> | Not Present <input type="checkbox"/>            |
| Custody seals intact on shipping container/cooler?      | Yes <input type="checkbox"/>              | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| Custody seals intact on sample bottles?                 | Yes <input type="checkbox"/>              | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| Chain of custody present?                               | Yes <input checked="" type="checkbox"/>   | No <input type="checkbox"/> |                                                 |
| Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/>   | No <input type="checkbox"/> |                                                 |
| Chain of custody agrees with sample labels?             | Yes <input checked="" type="checkbox"/>   | No <input type="checkbox"/> |                                                 |
| Samples in proper container/bottle?                     | Yes <input checked="" type="checkbox"/>   | No <input type="checkbox"/> |                                                 |
| Sample containers intact?                               | Yes <input checked="" type="checkbox"/>   | No <input type="checkbox"/> |                                                 |
| Sufficient sample volume for indicated test?            | Yes <input checked="" type="checkbox"/>   | No <input type="checkbox"/> |                                                 |
| All samples received within holding time?               | Yes <input checked="" type="checkbox"/>   | No <input type="checkbox"/> |                                                 |
| Container/Temp Blank temperature in compliance?         | Yes <input checked="" type="checkbox"/>   | No <input type="checkbox"/> |                                                 |
| Temperature(s)/Thermometer(s):                          | <input type="text"/> <input type="text"/> |                             |                                                 |
| Cooler(s)/Kit(s):                                       | <input type="text"/>                      |                             |                                                 |
| Water - VOA vials have zero headspace?                  | Yes <input type="checkbox"/>              | No <input type="checkbox"/> | No VOA vials submitted <input type="checkbox"/> |
| Water - pH acceptable upon receipt?                     | Yes <input type="checkbox"/>              | No <input type="checkbox"/> | N/A <input type="checkbox"/>                    |
| pH adjusted?                                            | Yes <input type="checkbox"/>              | No <input type="checkbox"/> | N/A <input type="checkbox"/>                    |
| pH adjusted by:                                         | <input type="text"/>                      |                             |                                                 |

Login Notes:

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Client Contacted:

Date Contacted:

Person Contacted:

Contacted By:

Regarding:

Comments:

CorrectiveAction:

SRC Page 1 of 1



ALS Environmental  
4388 Glendale Millard Rd.  
Cincinnati, Ohio 45242  
Phone: (800) 458-1483 or  
(513) 733-5336  
Fax: (513) 733-5347

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## (70784) 10f2 ANALYTICAL REQUEST FORM

23707

REGULAR Status

RUSH Status Required - ADDITIONAL CHARGE

RESULTS REQUIRED BY \_\_\_\_\_

DATE

CONTACT ALS LABORATORY GROUP PRIOR TO SENDING SAMPLES

Date \_\_\_\_\_ Purchase Order No. \_\_\_\_\_

Company Name Eulerun Environmental

Address 406 N. 2nd St.

Yakima WA 98901

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Send Report To Ryan Matthews

Email Address Rmatthews@eulerun.net

Telephone (509) 574-0839

Alt. Contact Name \_\_\_\_\_

Alt. Contact Info \_\_\_\_\_

Quote No. \_\_\_\_\_

Sampling Site Sky Valley Education Cen

Date/Time of Collection 7/27/17

Project No. 172070-02

Billing Address (if different) \_\_\_\_\_

| Collection Only | Client Sample Number    | Media Type   | Sample Volume or Description | ANALYSES REQUESTED | Method Number if Known |
|-----------------|-------------------------|--------------|------------------------------|--------------------|------------------------|
| 01              | 72417-ADM-3 Fottie      | ROCK<br>WICE | 100 cm <sup>2</sup>          | 8082A              |                        |
| 02              | 72417-ADM - Wall e      |              |                              |                    |                        |
| 03              | 72417-GYM - GYM Locker  |              |                              |                    |                        |
| 04              | 72417-GYM - Small Gym A |              |                              |                    |                        |
| 05              | 72417-GYM - Small Gym B |              |                              |                    |                        |
| 06              | 72417-AJX - RM F        |              |                              |                    |                        |
| 07              | 72417-PG - RM 03        |              |                              |                    |                        |
| 08              | 72417-P-O - RM 04       |              |                              |                    |                        |
| 09              | 72417-Pad - RM 08       |              |                              |                    |                        |
| 10              | 72417-Pad - RM 11       |              |                              |                    |                        |
| 11              | 72417-Pad - RM 14       |              |                              |                    |                        |
| 12              | 72417-Pad - RM 17       |              |                              |                    |                        |
| 13              | 72417-Pad - RM 204      |              |                              |                    |                        |
| 14              | 72417-Pad - RM 303      | ↓            | ↓                            | ↓                  |                        |
| 15              | 72417-Field Blank       | ↑            |                              |                    |                        |
| 16              | 72417-Lab Blank         | ↑            |                              |                    |                        |

Failure to complete all portions of this form may delay analysis.

DELIVERY METHOD:

STD / PRTY MAIL UPS

EMT DROPO BOX

FEDEX ALS COURIER

OTHER

COOLING METHOD: NEAR

COOLER W/ICE & TUBE

CUSTODY SEALS: NONE

COOLER PACKAGE SAMPLES

COOLER TEMP: 40° C

### CHAIN OF CUSTODY

|                                 |                     |                               |                             |                     |                              |
|---------------------------------|---------------------|-------------------------------|-----------------------------|---------------------|------------------------------|
| Relinquished by:<br>(Signature) | <u>Nathan Foltz</u> | Date / Time<br>7/26/17 9:30am | Received by:<br>(Signature) | <u>David Hitzig</u> | Date / Time<br>7/26/17 09:35 |
| Relinquished by:<br>(Signature) |                     | Date / Time                   | Received by:<br>(Signature) |                     | Date / Time                  |

The ALS logo is located in the bottom right corner. It consists of a stylized lowercase 'a' inside a triangle, with the letters 'ALS' written horizontally below it.

**ALS Environmental**  
4388 Glendale Mill Rd.  
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Phone: (800) 458-1493 or  
(513) 733-5338  
Fax: (513) 733-5347

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## **ANALYTICAL REQUEST FORM**

23707

|                                                                          |            |
|--------------------------------------------------------------------------|------------|
| <input checked="" type="checkbox"/> <b>REGULAR</b> Status                | 20101      |
| <br>                                                                     |            |
| <input type="checkbox"/> <b>RUSH</b> Status Required - ADDITIONAL CHARGE |            |
| RESULTS REQUIRED BY _____                                                | DATE _____ |
| <br>                                                                     |            |
| CONTACT ALS LABORATORY GROUP PRIOR TO SENDING SAMPLES                    |            |

Date \_\_\_\_\_ Purchase Order No. \_\_\_\_\_

Quote No. .

Company Name Eukon Environmental

Sampling Site Sky Valley Education Center

Address 406 N) 2nd St

Date/Time of Collection [REDACTED] 7/24/17

Project No. 172070.02

Send Report To B-1070 Motel

**Billing Address (if different)**

Email Address: [RingtherosesGrief@gmail.com](mailto:RingtherosesGrief@gmail.com)

.....

Alt. Contact Name

.....

Alt Contact Info \_\_\_\_\_

*Failure to complete all portions of this form may delay analysis. Please fill in this form | FGIBI Y*

## CHAIN OF CUSTODY

|                                 |                    |                             |               |
|---------------------------------|--------------------|-----------------------------|---------------|
| Relinquished by:<br>(Signature) | Date / Time        | Received by:<br>(Signature) | Date / Time   |
| Nathan Bens                     | 7/26/17<br>9:30 AM | Kathy Meag                  | 7/26/17 09:51 |